[SUPPLEMENT TO THE BRITISH MEDICAL JOURNAL JULY 16, 1932]

CENTENARY MEETING

PROGRAMME

SUPPLEMENT TO THE BRITISH MEDICAL JOURNAL

LONDON: SATURDAY, JULY 16th, 1932

CONTENTS

	PAGE
BRITISH MEDICAL ASSOCIATION	
Medical Charities: An Appeal by the Charities Committee	25
Centenary Meeting, London: Programme:	
ORDER OF BUSINESS	26
THE SCIENTIFIC SECTIONS	26
SYNOPSIS OF TIME-TABLE	33
MUSEUM AND CINEMA	34
TEMPORARY MEMBERSHIP OF CLUBS	35
GARAGES RECOMMENDED BY R.A.C.	36
WORCESTER PILGRIMAGE	36
CORRESPONDENCE:	
MEDICAL RESEARCH AND THE PATENT LAWS. By FRANCIS H. CARR, D.Sc.; S. MONCKTON COPEMAN, M.D., F.R.S.; and ARNOLD RENSHAW, M.D., B.S.	41
FUTURE OF PUBLIC MEDICAL SERVICES	43
THE CAPITATION FEE	43
CURRENT NOTES	37
ASSOCIATION NOTICES	37
MEETINGS OF BRANCHES AND DIVISIONS	38
VACANCIES AND APPOINTMENTS	44
BIRTHS, MARRIAGES, AND DEATHS	44

British Medical Association

MEDICAL CHARITIES

An Appeal by the Charities Committee

These great charities have been running for nearly a century. They were created and kept going only by the labour and devotion of our predecessors in medicine. They deserve support, not only on this account, but more from the fact that there is a vast amount of poverty and privation, the wreckage of the "dangerous trade" in which we are engaged. They give inadequate assistance to over 1,200 persons every year—doctors, their widows, and dependants. It is inadequate because they have not enough money. They have not enough money because so few subscribe regularly to our Funds. There are about 27,000 members of the B.M.A. in the British Isles. Of these less than 7,000 subscribe regularly.

This is not good enough!

The teachers look after their own people. The commercial travellers look after their own people. The licensed victuallers look after their own people. Shall the doctors be less generous than they? If every member would give to us we should easily have another £20,000 a year, and then we could do something.

Will you help us?

Five Shillings would be welcomed. A guinea is quite usual. Sometimes we get more. Rather over a guinea is the average subscription.

Anyhow, give us something when you pay your subscription, and remember—that there are over 1,200 now depending upon the medical charities; that still more need your help, and that you, fortunately, are not one of them!

BANKER'S ORDER

To _____ Bank.

Please pay the WESTMINSTER BANK (TAVISTOCK SQUARE BRANCH) for the account of the B.M.A. Charities Fund, the sum of _____ on _____ 19____, and subsequently on the _____ of each year.

The above amount is to be

(a) allocated at the discretion of the B.M.A. Charities Fund.

(b) earmarked for (i) the Royal Medical Benevolent Fund.
(ii) the Royal Medical Foundation of Epsom College.
(iii) the R.M.B.F. Society of Ireland.
(iv) the Sir Charles Hastings Fund.

(*Please strike out words not appropriate.*)

_____ *Signature.*

2d. Stamp.

£ : : . _____ *Date.*

[1453]

British Medical Association

CENTENARY MEETING, LONDON, JULY, 1932

Patron : HIS MAJESTY THE KING

President : WILLIAM GEORGE WILLOUGHBY, M.D., D.P.H., Medical Officer of Health, Eastbourne

President-Elect : The Right Hon. Lord DAWSON OF PENN, P.C., G.C.V.O., K.C.B., D.C.L., LL.D., P.R.C.P. Physician in Ordinary to H.M. the King and H.R.H. the Prince of Wales.

Chairman of Representative Body : E. KAYE LE FLEMING, M.A., M.B., B.Ch.

Chairman of Council : Sir HENRY BRACKENBURY, LL.D., M.R.C.S., L.R.C.P.

Treasurer : N. BISHOP HARMAN, LL.D., M.A., M.B., F.R.C.S.

PROGRAMME

The hosts for the Centenary Meeting are the Metropolitan Counties Branch of the Association.

The Annual Representative Meeting will begin at the B.M.A. House, Tavistock Square W.C., on Thursday, July 21st, and be continued on the three following weekdays.

The statutory Annual General Meeting will be held at the B.M.A. House, on Saturday, July 23rd. The incoming President, Lord Dawson, will deliver his address at the Queen's Hall, Langham Place, on Tuesday, July 26th, at 4 p.m. Its title is " A Hundred Years and After."

The Centenary Dinner of the Association will take place at the Albert Hall, S.W., on Thursday, July 28th. H.R.H. the Prince of Wales has consented to be the principal guest.

The Popular Lecture will be given at University College, London, on Friday, July 29th, at 8 p.m., by Professor Julian Huxley on " The Biology of Human Nature."

The Annual Exhibition of Surgical Appliances, Drugs, Foods, Books, etc., will be open at the University of London, Imperial Institute Road, S.W., from Tuesday, July 26th, to Friday, July 29th, from 9 a.m. to 6 p.m.

There will be a pilgrimage to Worcester on Sunday, July 24th, for the purpose of unveiling two memorials to Sir Charles Hastings, who founded the Association at Worcester in 1832.

The Scientific Sections

The clinical and scientific work of the Centenary Meeting will be divided among twenty-four Sections, meeting on Wednesday, Thursday, and Friday, July 27th, 28th, and 29th, at the Imperial College of Science and Technology, South Kensington. (The Section of Medicine will meet in the Royal Geographical Society's Hall, Kensington Gore, S.W. ; the Section of Surgery in the Imperial Institute, East Gallery ; the Section of Bacteriology in the lecture theatre of the Science Museum, South Kensington ; and the Section of Medical Sociology in the Great Hall, B.M.A. House, Tavistock Square, W.C.) We publish below the names of the Sections, with the officers appointed to each, and the programmes arranged.

The following Sections will meet on Three Days

MEDICINE

President : Sir HUMPHRY ROLLESTON, Bt., G.C.V.O., K.C.B., LL.D., M.D., F.R.C.P., Cambridge.

Vice-Presidents : J. D. ADAMSON, M.D., M.R.C.P.Ed., Winnipeg, Canada ; Professor ARTHUR J. HALL, M.D., F.R.C.P., Sheffield ; Sir THOMAS HORDER, Bt., K.C.V.O., M.D., F.R.C.P., London ; ROBERT HUTCHISON, M.D., F.R.C.P., London ; Sir THOMAS LEWIS, C.B.E., F.R.S., LL.D., M.D., F.R.C.P., London; Sir ASHLEY W. MACKINTOSH, K.C.V.O., M.D., F.R.C.P.Ed., Aberdeen ; Professor T. G. MOORHEAD, M.D., P.R.C.P.I., Dublin ; Sir RICHARD R. STAWELL, K.B.E., M.D., Melbourne, Australia ; Professor OLIVER K. WILLIAMSON, M.D., F.R.C.P., Johannesburg, South Africa.

Honorary Secretaries : A. HOPE GOSSE, M.D., F.R.C.P., 119, Harley Street, W.1 ; DONALD HUNTER, M.D., F.R.C.P., London Hospital, Whitechapel, London, E.1.

Official Reporter : Dr. G. W. GOODHART.

The following programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion :* Clinical Applications of the Recent Work on Bone Disease. To be opened by Prof. E. MELLANBY (Sheffield), followed by Dr. LEONARD G. PARSONS (Birmingham), Dr. T. IZOD BENNETT (London), Dr. H. BARBER (Derby), Prof. H. A. HARRIS (London), and Dr. DONALD HUNTER (London). *Paper:* Addison's Disease and its Treatment with Cortical Extract, Dr. S. LEVY SIMPSON (London).

Thursday, July 28th.—10 a.m., *Discussion :* Coronary Thrombosis. To be opened by Dr. JOHN PARKINSON (London), followed by Prof. W. T. RITCHIE (Edinburgh), Dr. CAREY F. COOMBS (Bristol), Prof. W. E. HUME (Newcastle-upon-Tyne), and Dr. D. EVAN BEDFORD (London).

Friday, July 29th (combined meeting with Section of Radiology).—10 a.m., *Discussion :* Radiology in the Diagnosis of Diseases of the Lung. To be opened by Dr. STANLEY MELVILLE (London), followed by Dr. R. A. YOUNG (London), Dr. F. G. CHANDLER (London), Dr. L. S. T. BURRELL (London), Dr. J. DUNCAN WHITE (Edinburgh), Dr. E. W. TWINING (Manchester), Dr. J. V. SPARKS (London), and Prof. S. LYLE CUMMINS (Cardiff).

3 p.m.—Visit to Mount Vernon Hospital, Northwood. A short introductory address will be given by Sir CUTHBERT S. WALLACE on the work being carried out at the hospital, followed by demonstrations of cancer patients treated by radiotherapy.

SURGERY

President : The Right Hon. Lord MOYNIHAN OF LEEDS, K.C.M.G., C.B., LL.D., M.S., P.R.C.S.

Vice-Presidents : Professor EDWARD W. ARCHIBALD, M.D., Montreal, Canada ; Sir LOUIS E. BARNETT, C.M.G., M.B., F.R.C.S., Otago, New Zealand ; Miss ELIZABETH BOLTON, M.D., London ; Professor A. H. BURGESS, LL.D., F.R.C.S., Manchester ; W. MCADAM ECCLES, M.S., F.R.C.S., London; Professor G. E. GASK, C.M.G., D.S.O., F.R.C.S., London; Sir HENRY S. NEWLAND, C.B.E., D.S.O., M.S., P.R.A.C.S., Adelaide, Australia ; Sir W. I. DE COURCY WHEELER, M.D., F.R.C.S.I., Dublin ; Professor D. P. D. WILKIE, O.B.E., M.D., Ch.M., F.R.C.S., Edinburgh.

Honorary Secretaries : JOHN B. HUNTER, *M.C.*, M.Ch., F.R.C.S., 70, Harley Street, W.1 ; REGINALD M. VICK, O.B.E., M.Ch., F.R.C.S., 113, Harley Street, W.1.

Official Reporter : Mr. C. I. N. MORGAN.

The following programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion :* Removal of the Prostate: (*a*) Its Indications and Methods, to be opened by Mr. J. SWIFT JOLY (London), followed by Mr. HENRY WADE (Edinburgh) ; (*b*) Its Sequels, to be opened by Mr. KENNETH M. WALKER (London), followed by Prof. A. FULLERTON (Belfast), Mr. A. CLIFFORD MORSON (London), Mr. CYRIL A. R. NITCH (London), and Dr. WM. MACADAM (Leeds).

Thursday, July 28th.—10 a.m., *Discussion :* Indications for, and Results of, Removal of the Spleen. To be opened by Lord DAWSON and Lord MOYNIHAN, followed by Dr. J. W. McNEE (London), Prof. J. BARCROFT (Cambridge), Sir FRANK P. CONNOR (Bombay), Mr. A. J. WALTON (London), Mr. GWYNNE E. O. WILLIAMS (London), Professor L. S. P. DAVIDSON (Aberdeen), and Miss DOROTHY C. HARE (London).

Friday, July 29th.—10 a.m., *Discussion :* Acute Intestinal Obstruction. Speakers: Sir HENRY S. NEWLAND (Adelaide), Sir WILLIAM WHEELER (Dublin), Prof. A. H. BURGESS (Manchester), Professor D. P. D. WILKIE (Edinburgh), Mr. V. ZACHARY COPE (London), Mr. H. J. PATERSON (London), and Miss EMILY C. LEWIS (London). Statistics for the years 1925–30 will be presented by Mr. REGINALD M. VICK (London).

3 p.m.—Visit to Mount Vernon Hospital, Northwood. A short introductory address will be given by Sir CUTHBERT S. WALLACE on the work being carried out at the hospital, followed by demonstrations of cancer patients treated by radiotherapy.

On the afternoons of July 27th, 28th, and 29th there will be operations and demonstrations at the London hospitals. Notices of these will be posted in the Section of Surgery and in the Reception Room.

OBSTETRICS AND GYNAECOLOGY

President: COMYNS BERKELEY, M.Ch., M.D., F.R.C.P., F.R.C.S., F.C.O.G., London.

Vice-Presidents : VICTOR BONNEY, M.D., M.S., F.R.C.S., F.R.A.C.S., London; Professor W. W. CHIPMAN, LL.D., M.D., F.R.C.S.Ed., F.C.O.G., Montreal, Canada ; T. WATTS EDEN, M.D., F.R.C.P., F.R.C.S.Ed., F.C.O.G., London ; V. B. GREEN-ARMYTAGE, M.D., F.R.C.P., F.C.O.G., Lieut-Colonel I.M.S., Calcutta, India ; Professor J. M. MUNRO KERR, M.D., F.R.F.P.S., F.C.O.G., Glasgow ; Professor C. G. LOWRY, M.D., F.R.C.S.I., F.C.O.G., Belfast ; Dame A. LOUISE McILROY, D.B.E., M.D., M.R.C.P., F.C.O.G., London ; Sir EWEN J. MACLEAN, M.D., F.R.C.P., F.C.O.G., Cardiff ; D. H. WESSELS, M.B., F.R.C.S.Ed., F.C.O.G., Capetown, South Africa.

Honorary Secretaries: Miss ALICE BLOOMFIELD, M.D., Ch.M., F.R.C.S., M.C.O.G., 14, Harley Street, W.1 ; WILFRED SHAW, M.D., F.R.C.S., F.C.O.G., 31, Weymouth Street, W.1.

Official Reporter : Dr. C. J. GORDON TAYLOR.

The following programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion :* The Indications for the Induction of Abortion. To be opened by Prof. H. BECKWITH WHITEHOUSE (Birmingham), followed by Prof. A. H. M. J. VAN ROOY (Amsterdam), Dr. R. H. J. M. CORBET (Dublin), and Dame LOUISE McILROY (London).

Thursday, July 28th.—10 a.m., *Discussion :* The Treatment of Carcinoma of the Uterus. To be opened by Dr. A. LACASSAGNE (Paris), Prof. F. VOLTZ (Munich), and Mr. VICTOR BONNEY (London), followed by Dr. GRAY WARD (New York), Dr. ELIZABETH HURDON (London), Mr. MALCOLM DONALDSON (London), and Dr. G. I. STRACHAN (Cardiff).

Friday, July 29th.—10 a.m., *Papers :* The Conservative Treatment of Rupture of the Uterus, Prof. NAGUIB MAHFOUZ BEY (Cairo) ; Studies on the Aetiology of Virginal Leucorrhoea, Drs. R. CRUICKSHANK and A. SHARMAN (Glasgow) ; The Response of the Human Puerperal Uterus to Drugs, with a note on the Suckling Reflex, Dr. J. CHASSAR MOIR (London) ; Ante-natal Radiology, Dr. R. E. ROBERTS (Liverpool).

On the afternoons of July 27th, 28th, and 29th there will be demonstrations at the Marie Curie Hospital, the Chelsea Hospital for Women, Queen Charlotte's Hospital, and University College Hospital.

On the afternoon of Friday, July 29th, there will be a visit to the Mount Vernon Hospital, Northwood.

PHYSICAL MEDICINE (INCLUDING PHYSIOTHERAPY, ELECTROTHERAPY, RADIOTHERAPY, AND BALNEOLOGY)

President : Sir LEONARD E. HILL, F.R.S., LL.D., M.B., Chalfont St. Peter.

Vice-Presidents : CHARLES W. BUCKLEY, M.D., M.R.C.P., Buxton ; E. P. CUMBERBATCH, M.B., M.R.C.P., D.M.R.E., London ; R. FORTESCUE FOX, M.D., F.R.C.P., London ; Sir HENRY J. GAUVAIN, M.D., M.Ch., F.R.C.S., Alton ; N. D. ROYLE, M.D., Ch.M., Sydney, Australia ; F. G. THOMSON, M.D., F.R.C.P., Bath ; Sir ROBERT STANTON WOODS, M.D., M.R.C.P., London.

Honorary Secretaries : FRANK D. HOWITT, C.V.O., M.D., M.R.C.P., 87, Harley Street, W.1 ; MATTHEW B. RAY, D.S.O., M.D., 6, Bentinck Street, W.1.

Official Reporter : Dr. W. S. C. COPEMAN.

The following programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion :* The Role of Manipulation and Electricity in Therapeutics. To be opened by (1) Dr. J. B. MENNELL (London) (Manipulation), followed by Sir R. STANTON WOODS (London), Dr. R. FORTESCUE FOX (London), Dr. L. CAPPER-JOHNSON (London), and Dr. T. MARLIN (London) ; and (2) Dr. E. P. CUMBERBATCH (London) (Electricity), followed by Dr. C. A. ROBINSON (London), Dr. JOHN COWAN (Manchester), Dr. C. G. TEALL (Birmingham), Mr. W. ELDON TUCKER (London), and Prof. I. GUNSBURG (Antwerp). *Paper :* The Means of Applying Diathermy Currents inside the Mouth and to External Irregular Surfaces, Dr. C. BOWDLER HENRY (London).

3 p.m. to 6 p.m.—Visit to London Light and Electrical Clinic, Ranelagh Road, S.W.1, on the invitation of the President of the Section, Sir Leonard Hill. Tea will be provided.

Thursday, July 28th.—10 a.m., *Discussion :* The Menace of Quackery in Relation to the Policy of Physical Medicine. To be opened by Dr. C. B. HEALD (London), followed by Dr. F. D. HOWITT (London), Dr. C. W. BUCKLEY (Buxton), Dr. R. KING BROWN (London), Dr. A. P. CAWADIAS (London), and Dr. M. B. RAY (London).

2.30 p.m. to 6.30 p.m.—The British Red Cross Clinic for Rheumatism, Peto Place, Marylebone Road, will be open for inspection by members and their friends attending the Centenary Meeting. A lantern demonstration will be given by Dr. S. GILBERT SCOTT (London), on the Influence of Radiology in the Diagnosis and Treatment of Chronic Rheumatic Diseases. The various treatments for rheumatic diseases will be demonstrated. Tea will be provided.

Friday, July 29th.—10 a.m., *Discussion :* Influence of Open Air, Light, Atmospheric Pressure, and Temperature in the Treatment of Disease, with Special Reference to Tuberculosis. To be opened by Sir HENRY GAUVAIN (Alton), followed by Sir LEONARD HILL (Chalfont St. Peter), Dr. A. ROLLIER (Leysin), Dr. J. VAN BREEMAN (Amsterdam), Dr. PHILIP ELLMAN (London), Dr. A. EIDINOW (London), and Dr. W. S. C. COPEMAN (London).

PUBLIC HEALTH (INCLUDING INDUSTRIAL DISEASES AND INDUSTRIAL PSYCHOLOGY)

President : Sir GEORGE NEWMAN, K.C.B., LL.D., M.D., F.R.C.P., D.P.H., London.

Vice-Presidents: JOHN C. BRIDGE, F.R.C.S.Ed., M.R.C.P.Ed., D.P.H., London ; A. K. CHALMERS, LL.D., M.D., F.R.F.P.S., D.P.H., Glasgow ; J. H. L. CUMPSTON, C.M.G., M.D., D.P.H., Canberra, Australia ; J. D. GRAHAM, C.B., C.I.E., M.B., Major-General I.M.S., Simla, India ; Professor W. W. JAMESON, M.D., F.R.C.P., D.P.H., London ; Sir FREDERICK KAY MENZIES, K.B.E., M.D., F.R.C.P.Ed., D.P.H., London ; C. KILLICK MILLARD, M.D., Leicester ; A. J. ORENSTEIN, C.M.G., LL.D., M.D., Johannesburg, South Africa ; R. M. F. PICKEN, M.B., Ch.B., D.P.H., Cardiff.

Honorary Secretaries : A. SALUSBURY MACNALTY, M.D., F.R.C.P., D.P.H., Ministry of Health, Whitehall, S.W.1 ; W. E. COOKE, M.D., F.R.C.P.Ed., D.P.H., "Aragon," Swinley Road, Wigan.

Official Reporter : Dr. F. W. W. GRIFFIN.

The following programme has been arranged:

Wednesday, July 27th.—10 a.m., *Address by the President :* The Private Practitioner and Preventive Medicine. *Discussion :* The Attenuation and Prevention of Measles. To be opened by Prof. C. C. OKELL (London), followed by Dr. D. N. NABARRO (London), Dr. W. GUNN (London), and Dr. T. M. HUNTER (Glasgow). *Paper :* The Effect of Certain Physical Factors on the Mental Capacity of School Children, Dr. J. RIDDELL (Stirling).

Thursday, July 28th.—10 a.m., *Discussions :* (1) The Importance of Vocational Guidance for the Preservation of the Health of the Industrial Worker. To be opened by Dr. A. MACRAE (London), followed by Dr. R. D. GILLESPIE (London) and Dr. MAY SMITH (London). (2) Skin Diseases in Relation to Industry. To be opened by Dr. W. J. O'DONOVAN (London), followed by Dr. H. D. HALDIN-DAVIS (London).

Friday, July 29th.—10 a.m., *Discussion :* Maternity and Child Welfare Services in their Relation to the Public Health. To be opened by Dame JANET CAMPBELL (London), followed by Prof. E. GORTER (Leyden), Dr. D. H. PATERSON (London), and Dr. W. M. ASH (Derby). *Paper :* Paratyphoid and Water Supply, Sir ALEXANDER C. HOUSTON (London).

(In connexion with this Section, the Home Office Museum in Horseferry Road, London, S.W., the Public Health Museum at the London School of Hygiene and Tropical Medicine,

Keppel Street, London, W.C., and the Laboratories, Research Rooms, and Testing Rooms of the National Institute of Industrial Psychology, Aldwych House, London, W.C., are open to members of the Association attending the Centenary Meeting.)

OTO-LARYNGOLOGY

President: Sir STCLAIR THOMSON, LL.D., M.D., F.R.C.P., F.R.C.S., London.

Vice-Presidents: Professor H. S. BIRKETT, C.B., LL.D., M.D., Montreal, Canada; R. GRAHAM BROWN, M.R.C.S., L.R.C.P., F.R.A.C.S., Brisbane, Queensland; Sir JAMES DUNDAS-GRANT, K.B.E., M.D., F.R.C.S., London; PERRY G. GOLDSMITH, M.D., Toronto, Canada; DAN MCKENZIE, M.D., F.R.C.S.Ed., London; D. ROSE PATERSON, M.D., F.R.C.P., Cardiff; HERBERT TILLEY, M.D., B.S., F.R.C.S., London; A. LOGAN TURNER, M.D., F.R.C.S.Ed., Edinburgh; P. WATSON-WILLIAMS, M.D., Bristol.

Honorary Secretaries: V. E. NEGUS, M.B., M.S., F.R.C.S., 149, Harley Street, W.1; F. W. WATKYN-THOMAS, F.R.C.S., 14, Welbeck Street, W.1.

Official Reporter: Mr. F. C. ORMEROD.

The following programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* Otitis Media of Sucklings. To be opened by Mr. W. M. MOLLISON (London), followed by Dr. LEONARD FINDLAY (London), Mr. DOUGLAS J. GUTHRIE (Edinburgh), Dr. JEAN L. SMITH (London), Mr. HERBERT TILLEY (London), and Dr. J. H. GIBBENS (London).

12 noon.—*Paper:* How Miss Helen Keller was Educated, Dr. J. KERR LOVE (Glasgow). (Miss Keller and her Teacher (Mrs. Macey), will give a short demonstration.)

Thursday, July 28th.—10 a.m., *Discussion:* Intrathoracic New Growths and the Value of Bronchoscopy in Diagnosis and Treatment. To be opened by Dr. MAURICE DAVIDSON (London), followed by Dr. STANLEY MELVILLE (London), Mr. V. E. NEGUS (London), and Dr. G. EWART MARTIN (Edinburgh). *Paper:* The Radiographic Demonstration of Sinusitis, Dr. H. K. GRAHAM-HODGSON (London).

3.30 p.m.—Demonstration of Clinical Cases at the Central London Throat, Nose and Ear Hospital, Gray's Inn Road, W.C.1.

Friday, July 29th.—10 a.m., *Discussion:* End-results of the Tonsil and Adenoid Operation in Childhood and Adolescence. To be opened by Dr. J. ALISON GLOVER (London), followed by Dr. REGINALD H. MILLER (London), Mr. J. A. KEEN (Leicester), Dr. R. GRAHAM BROWN (Brisbane), Mr. HERBERT TILLEY (London), and Mr. C. HAMBLEN THOMAS (London). *Paper:* Diseases of the Tonsils due to Fungi, Sir ALDO CASTELLANI (London).

3 p.m.—Visit to Mount Vernon Hospital, Northwood. Address by Sir CUTHBERT WALLACE, on the work being carried out at the hospital, followed by demonstrations of cancer patients treated by radiotherapy.

N.B.—Members willing to join in any of the above discussions, or willing to show specimens for exhibition in the Museum, especially such as illustrate the subjects under discussion, are asked to communicate with Mr. F. W. Watkyn-Thomas, joint honorary secretary of the Section.

The Section Museum will be in the hands of Mr. E. D. D. Davis (46, Harley Street, W.1) and Mr. T. E. Cawthorne (12, Bloomsbury Street, W.C.1); it will comprise historical and pathological instruments, and specimens illustrating the subjects for discussion in the Section.

PATHOLOGY

President: Professor ROBERT MUIR, F.R.S., LL.D., M.D., F.R.C.P.Ed., Glasgow.

Vice-Presidents: Professor WILLIAM BOYD, M.D., M.R.C.P. Ed., Winnipeg, Canada; Professor ROBERT DONALDSON, M.D., F.R.C.S.Ed., London; A. G. GIBSON, M.D., F.R.C.P., Oxford; Professor GEOFFREY HADFIELD, M.D., F.R.C.P., London; Professor I. WALKER HALL, M.D., Bristol; Professor E. H. KETTLE, M.D., F.R.C.P., London; Professor B. J. RYRIE, M.B., Ch.B., Capetown, South Africa; Professor M. J. STEWART, M.B., F.R.C.P., Leeds.

Honorary Secretaries: A. B. BRATTON, D.S.O., *M.C.*, M.B., Bernhard Baron Institute of Pathology, London Hospital, E.1; Miss JOAN M. ROSS, M.D., Pathological Department, Royal Free Hospital, Gray's Inn Road, W.C.1.

Official Reporter: Dr. W. G. BARNARD.

The following programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* The Pneumonoconioses. To be opened by Prof. E. H. KETTLE (London), followed by Prof. LEROY U. GARDNER (Saranac Lake, U.S.A.), Prof. M. J. STEWART (Leeds), Prof. S. LYLE CUMMINS (Cardiff), Dr. A. F. S. SLADDEN (Swansea), Dr. NORMAN TATTERSALL (Leeds), Dr. W. E. COOKE (Wigan), and Prof. STUART MCDONALD (Newcastle-on-Tyne).

Thursday, July 28th.—10 a.m., *Discussion:* Cholesterol Metabolism in Disease. To be opened by Mr. J. A. GARDNER (London), followed by Prof. LUDWIG ASCHOFF (Freiburg), Prof. E. C. DODDS (London), Dr. J. W. MCNEE (London), Dr. S. C. DYKE (Wolverhampton), Dr. H. GAINSBOROUGH (London), Dr. J. M. H. CAMPBELL (London), and Dr. R. SCHOENHEIMER (Freiburg). *Paper:* Adamantinoma of the Tibia, Prof. B. J. RYRIE (Capetown).

Friday, July 29th (combined meeting with Section of Bacteriology).—10 a.m., *Discussion:* Tissue Changes in Virus Infections. To be opened by Prof. J. C. G. LEDINGHAM (London), followed by Prof. E. PASCHEN (Hamburg), Dr. S. P. BEDSON (London), Dr. J. R. PERDRAU (London), Dr. G. W. M. FINDLAY (London), Dr. R. W. FAIRBROTHER (Manchester), and Mr. J. A. GALLOWAY (London). *Paper:* Association of Tubercle Bacilli and Cancer in Mice, Dr. T. CHERRY (Melbourne).

BACTERIOLOGY

President: Sir ALMROTH E. WRIGHT, K.B.E., C.B., F.R.S., LL.D., M.D., London.

Vice-Presidents: Professor J. M. BEATTIE, M.D., Liverpool; Professor CARL H. BROWNING, F.R.S., M.D., Glasgow; Sir S. R. CHRISTOPHERS, C.I.E., F.R.S., O.B.E., M.B., Kasauli, India; S. R. DOUGLAS, F.R.S., M.R.C.S., L.R.C.P., London; Professor J. G. FITZGERALD, LL.D., M.D., Toronto, Canada; MERVYN H. GORDON, C.M.G., C.B.E., F.R.S., M.D., London; Sir THOMAS HOUSTON, O.B.E., M.D., Belfast; Professor J. C. G. LEDINGHAM, C.M.G., F.R.S., M.B., F.R.C.P., London; Sir F. SPENCER LISTER, LL.D., M.R.C.S., L.R.C.P., Johannesburg, South Africa.

Honorary Secretaries: Professor ALEXANDER FLEMING, M.B., F.R.C.S., Inoculation Department, St. Mary's Hospital, Paddington, W.2; JOHN O. OLIVER, M.B., B.S., 40, Queen Anne Street, Cavendish Square, W.1.

Official Reporter: Dr. B. VARVILL.

The following programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* The Immunological Basis of Prophylactic Inoculation against Bacterial Diseases. To be opened by Sir ALMROTH WRIGHT (London), followed by Dr. H. SCHÜTZE (London), Dr. J. A. ARKWRIGHT (London), Prof. MAJOR GREENWOOD (London), Prof. TH. MADSEN, communicated by Dr. OTTO MOLTKE (Copenhagen), Dr. A. FELIX (London), and Lieut.-Colonel H. MARRIAN J. PERRY, R.A.M.C. (London).

Thursday, July 28th.—10 a.m., *Discussion:* The Bacteriological Aspects of Milk-borne Infections. To be opened by Captain S. R. DOUGLAS (London), followed by Dr. A. T. R. MATTICK (Reading), Sir W. DALRYMPLE-CHAMPNEYS (London), Dr. F. C. MINETT (London), Col. E. C. G. MADDOCK (Reading), Dr. A. STANLEY GRIFFITH (Cambridge), Dr. A. JOE (London), and Dr. C. P. BEATTIE (Edinburgh).

2 p.m.—Laboratory demonstration of the Modern Methods of Pasteurization of Milk at the Research Department, United Dairies, Ltd., Willesden. Transport provided from South Kensington.

Friday, July 29th (combined meeting with Section of Pathology).—10 a.m., *Discussion:* Tissue Changes in Virus Infections. To be opened by Prof. J. C. G. LEDINGHAM (London), followed by Prof. E. PASCHEN (Hamburg), Dr. S. P. BEDSON (London), Dr. J. R. PERDRAU (London), Dr. G. W. M. FINDLAY (London), Dr. R. W. FAIRBROTHER (Manchester), and Mr. J. A. GALLOWAY (London).

RADIOLOGY

President: STANLEY MELVILLE, M.D., M.R.C.P., London.

Vice-Presidents: A. E. BARCLAY, O.B.E., M.D., D.M.R.E., Cambridge; N. S. FINZI, M.B., D.M.R.E., London; H. M. HEWLETT, M.D., Melbourne, Australia; C. THURSTAN HOLLAND, Ch.M., F.R.C.S., Liverpool; A. BRUCE MACLEAN, M.D., Glasgow; Professor J. M. WOODBURN MORISON, M.D., F.R.C.P.Ed., D.M.R.E., London; A. HOWARD PIRIE, M.D., Montreal, Canada; S. GILBERT SCOTT, M.R.C.S., L.R.C.P., D.M.R.E., London; WILLIAM STEUART, M.R.C.S., L.R.C.P., Johannesburg, South Africa.

Honorary Secretaries: W. M. LEVITT, M.B., M.R.C.P., D.M.R.E., 40, Harley Street, W.1; J. F. BRAILSFORD, M.D., 20, Highfield Road, Edgbaston, Birmingham.

Official Reporter: Dr. A. J. DURDEN SMITH.

The following programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* The Radiographic Investigation of Lumbar and Sciatic Pain. To be opened by Dr. J. F. BRAILSFORD (Birmingham), General and Dental; followed by Dr. R. M. BEATH (Belfast), Urinary

Tract; Dr. H. K. GRAHAM-HODGSON (London), Sinuses; Dr. R. S. PATERSON (Manchester), Alimentary Tract; Dr. R. E. ROBERTS (Liverpool), Paget's Disease and Malignant Bone Conditions; and Dr. S. GILBERT SCOTT (London), Arthritis.

2 p.m. to 4 p.m.—The Radiological Department of St. Bartholomew's Hospital will be open for inspection. There will be a demonstration of cases treated by *x* rays and radium.

Thursday, July 28th.—10 a.m., *Discussion:* The Treatment of Inflammatory Conditions by Radiations. To be opened by Dr. J. H. DOUGLAS WEBSTER (London), followed by Dr. A. HOWARD PIRIE (Montreal), Dr. J. E. A. LYNHAM (London), Dr. W. HOPE FOWLER (Edinburgh), and Dr. W. M. LEVITT (London). *Papers:* Gastro-ileal Reflex in Appendicitis, Dr. A. BRUCE MACLEAN (Glasgow); Radiographic Pelvimetry, Dr. L. A. ROWDEN (Leeds); Intravenous Urography in Children, Dr. C. G. TEALL (Birmingham).

2.30 p.m. to 6.30 p.m.—The British Red Cross Clinic for Rheumatism, Peto Place, Marylebone Road, will be open for inspection. A lantern demonstration will be given by Dr. S. GILBERT SCOTT (London) on the Influence of Radiology in the Diagnosis and Treatment of Chronic Rheumatic Diseases.

Friday, July 29th (combined meeting with Section of Medicine).—10 a.m., *Discussion:* Radiology in the Diagnosis of Diseases of the Lung. To be opened by Dr. STANLEY MELVILLE (London), followed by Dr. R. A. YOUNG (London), Dr. F. G. CHANDLER (London), Dr. L. S. T. BURRELL (London), Dr. J. DUNCAN WHITE (Edinburgh), Dr. E. W. TWINING (Manchester), Dr. J. V. SPARKS (London), and Prof. S. LYLE CUMMINS (Cardiff).

(*a*) 2 p.m. to 5 p.m.—The Radiological Department of the Cancer Hospital, Fulham Road, S.W.3, will be open for inspection, and the new 400,000-volt apparatus for deep *x*-ray therapy will be demonstrated.

(*b*) The Radiological Department of the Brompton Hospital for Consumption, Fulham Road, S.W.3, will be open for inspection, and there will be a demonstration of radiological apparatus.

COMPARATIVE MEDICINE

President: Professor F. A. E. CREW, M.D., D.Sc., Edinburgh.

Vice-Presidents: JOSEPH A. ARKWRIGHT, F.R.S., M.D., F.R.C.P., London; Professor J. B. BUXTON, F.R.C.V.S., Cambridge; Sir FRANK J. COLYER, K.B.E., F.R.C.S. (London); Colonel A. E. HAMERTON, C.M.G., D.S.O., M.R.C.S., R.A.M.C. (ret.). London; Professor FREDERICK T. G. HOBDAY, C.M.G., F.R.C.V.S., London; Professor T. J. MACKIE, M.D., Edinburgh; Sir PETER CHALMERS MITCHELL, C.B.E., F.R.S., LL.D., D.Sc., London; Major-General Sir JOHN MOORE, K.C.M.G., C.B., F.R.C.V.S., London.

Honorary Secretaries: S. ZUCKERMAN, M.R.C.S., L.R.C.P., 7, Ormond Terrace, N.W.8; T. W. M. CAMERON, Ph.D., D.Sc., M.R.C.V.S., Zoology Department, The University, Edinburgh.

Official Reporter: Dr. T. W. M. CAMERON.

Wednesday, July 27th.—10 a.m., *Discussion:* The Menstrual and the Oestrous Cycles. To be opened by Dr. S. ZUCKERMAN (London), followed by Prof. W. FREI (Zürich), Dr. A. S. PARKES (London), Dr. B. P. WIESNER (Edinburgh), and Mr. R. GRANT (Edinburgh). *Papers:* The Genetics of Derangements Common to Man and Animals, Prof. F. A. E. CREW (Edinburgh); The Pregnancy Test in Mares, Mr. W. C. MILLER (Edinburgh). Observations on an Epizootic Disease in the Mouse, an Example of Hereditary Susceptibility of a Specific Infection: (*a*) Bacteriological Aspects, Prof. T. J. MACKIE and Dr. C. VAN ROOYEN (Edinburgh); (*b*) Genetical Aspects, Dr. ESMÉ M. GILROY (Edinburgh).

Thursday, July 28th.—10 a.m., *Discussion:* The Aetiology of Dental Caries. To be opened by Mr. E. W. FISH (London) and Mrs. MAY MELLANBY (Sheffield), followed by Dr. I. H. MACLEAN (London), Mr. W. WARWICK JAMES (London), Dr. F. W. BRODERICK (Bournemouth), Dr. C. P. STEWART (Edinburgh), Mr. J. G. TURNER (London), Dr. E. C. SPRAWSON (London), and Dr. T. HARE (London). *Papers:* Chronic Arthritis in Equines, Major W. M. MITCHELL (Edinburgh). Report of Six Cases of Neoplasm in Fish, with a Summary of the Literature and Discussion, Drs. A. HADDOW and FRANCES BLAKE (Edinburgh).

Friday, July 29th.—10 a.m., *Discussion:* Senescence. To be opened by Dr. G. P. BIDDER (Cambridge) and Dr. B. P. WIESNER (Edinburgh), followed by Prof. W. R. MILES (Stamford, California), Prof. H. A. HARRIS (London), Prof. M. J. STEWART (Leeds), Major S. S. FLOWER (Tring), Dr. W. CRAMER (London), Mr. KENNETH M. WALKER (London), and Mr. W. C. MILLER (Edinburgh).

The following Sections will meet on Two Days

NEUROLOGY

President: Sir E. FARQUHAR BUZZARD, Bt., K.C.V.O., LL.D., M.D., F.R.C.P., Oxford.

Vice-Presidents: A. STANLEY BARNES, M.D., F.R.C.P., Birmingham; Professor EDWIN BRAMWELL, M.D., F.R.C.P., Edinburgh; ALFRED W. CAMPBELL, M.D., Sydney, Australia; JAMES S. COLLIER, M.D., F.R.C.P., London; GORDON M. HOLMES, C.M.G., C.B.E., M.D., F.R.C.P., London; GOLDWIN W. HOWLAND, M.B., F.R.C.P.(C.), Toronto, Canada; GEOFFREY JEFFERSON, M.S., F.R.C.S., Manchester; Sir PERCY SARGENT, C.M.G., D.S.O., M.B., F.R.C.S., London.

Honorary Secretaries: W. RUSSELL BRAIN, M.D., F.R.C.P., 105, Harley Street, W.1; MACDONALD CRITCHLEY, M.D., F.R.C.P., 137, Harley Street, W.1.

Official Reporter: Dr. C. C. WORSTER-DROUGHT.

The following programme has been arranged:

Thursday, July 28th.—10 a.m., *Discussion:* The Aetiological and Clinical Aspects of Disseminated Sclerosis. To be opened by Dr. W. J. ADIE (London), followed by Dr. D. MCALPINE (London), Dr. R. S. ALLISON (Belfast), Dr. J. S. COLLIER (London), Dr. C. P. SYMONDS (London), Dr. C. C. WORSTER-DROUGHT (London), Dr. F. R. FERGUSON (Manchester), and Dr. B. HALLEY STEWART (London).

Friday, July 29th.—10 a.m., *Discussion:* Disorders of the Sympathetic Nervous System and their Response to Medical and Surgical Treatment. To be opened by Prof. EDWIN BRAMWELL (Edinburgh), followed by Sir PERCY SARGENT (London), Mr. R. H. BOGGON (London), Dr. A. F. HURST (London), Mr. GEOFFREY JEFFERSON (Manchester), Prof. E. D. TELFORD (Manchester), and Dr. W. RUSSELL BRAIN (London).

Arrangements have been made for afternoon demonstrations at the National Hospital, Queen Square, W.C., as follows:

Thursday, July 28th.—2 p.m. to 3.30 p.m., Ward Round by Dr. GORDON M. HOLMES; 3.30 p.m. to 4.30 p.m., Demonstration of Clinical Cases by Dr. JAMES S. COLLIER (in Lecture Theatre); 4.30 p.m., Demonstration of Injection of Gasserian Ganglion by Dr. WILFRED J. HARRIS (in Lecture Theatre).

Friday, July 29th.—2 p.m. to 3 p.m., Operations by Mr. DONALD J. ARMOUR and Sir PERCY SARGENT (in Operating Theatre); 3.30 p.m. to 4.30 p.m., Demonstration of Clinical Cases by Dr. S. A. KINNIER WILSON (in Lecture Theatre).

Motor conveyances will be provided between South Kensington and Queen Square, and tea will be provided at the hospital. Numbers limited to 20 for the operations on Friday afternoon, and to 50 for other demonstrations and ward round.

DISEASES OF CHILDREN

President: G. F. STILL, LL.D., M.D., F.R.C.P., London.

Vice-Presidents: LEONARD FINDLAY, M.D., F.R.F.P.S., London; Professor JOHN FRASER, *M.C.*, M.D., F.R.C.S.Ed., Edinburgh; C. PAGET LAPAGE, M.D., F.R.C.P., Manchester; C. MAX PAGE, D.S.O., M.S., F.R.C.S., London; LEONARD G. PARSONS, M.D., F.R.C.P., Birmingham; GEORGE R. PIRIE, M.B., F.R.C.P., Toronto, Canada; F. JOHN POYNTON, M.D., F.R.C.P., London; H. DOUGLAS STEPHENS, M.D., M.S., F.R.A.C.S., Melbourne, Australia.

Honorary Secretaries: ROBERT A. RAMSAY, M.Ch., F.R.C.S., 123, Gloucester Terrace, Hyde Park, W.2; W. G. WYLLIE, M.D., M.R.C.P., Flat 5, 20, Wigmore Street, W.1.

Official Reporter: Dr. ALAN MONCRIEFF.

The following programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* Pneumococcal and Streptococcal Peritonitis. To be opened by Mr. L. E. BARRINGTON-WARD (London), followed by Dr. J. C. SPENCE (Newcastle-upon-Tyne), Mr. S. G. BARLING (Birmingham), and Dr. A. G. MAITLAND-JONES (London). *Papers:* Modern Methods in the Recognition and Treatment of Congenital Abnormalities of the Genito-Urinary Tract, Mr. R. OGIER WARD (London); The Relation of Preventive and Clinical Medicine in Reference to Children, Dr. R. H. CROWLEY (London).

3 p.m.—Demonstration of Cases at Hospital for Sick Children, Great Ormond Street, W.C.1.

Thursday, July 28th.—10 a.m., *Discussion:* Bronchiectasis. To be opened by Prof. CHARLES MCNEIL (Edinburgh), followed by Dr. J. H. THURSFIELD (London), Dr. STANLEY G. GRAHAM (Glasgow), Mr. J. E. H. ROBERTS (London), Dr. H. TUKE ASHBY (Manchester), and Dr. N. B. CAPON (Liverpool). *Papers:* The Role of Vitamins and Minerals in Growth and Resistance to Disease, Dr. ALAN BROWN (Toronto); Osteomyelitis, Mr. C. P. G. WAKELEY (London).

Afternoon visit to Children's Heart Hospital, West Wickham, Kent. Members desiring to go should hand in

their names to one of the Secretaries of the Section on the morning of Wednesday, July 27th, in order that arrangements for conveyance may be made beforehand.

PHARMACOLOGY AND THERAPEUTICS

President: Professor J. A. GUNN, M.D., F.R.C.P., Oxford.

Vice-Presidents: J. H. BURN, M.D., Harrow; Professor A. J. CLARK, *M.C.*, F.R.S., M.D., F.R.C.P., Edinburgh; Professor WALTER J. DILLING, M.B., Ch.B., Liverpool; Professor FRANCIS R. FRASER, M.D., F.R.C.P., London; Professor J. W. C. GUNN, M.B., Ch.B., Capetown, South Africa; PHILIP HAMILL, M.D., F.R.C.P., London; Professor REGINALD ST. A. HEATHCOTE, M.D., Cairo, Egypt; Professor V. E. HENDERSON, M.B., Toronto, Canada; Professor R. STOCKMAN, M.D., F.R.C.P.Ed., Glasgow.

Honorary Secretaries: J. CLIFFORD HOYLE, M.D., M.R.C.P., London Hospital, E.1; Professor E. B. VERNEY, M.B., F.R.C.P., 101, Bow Lane, Finchley, N.12.

Official Reporter: Dr. J. CLIFFORD HOYLE.

The following programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* The Serum Treatment of Pneumonia. To be opened by Dr. R. CECIL (New York), followed by Prof. L. STANLEY P. DAVIDSON (Aberdeen), Prof. D. MURRAY LYON (Edinburgh), Dr. R. R. ARMSTRONG (London), Dr. R. CRUICKSHANK (Glasgow), Dr. J. A. RYLE (London), and Dr. R. A. O'BRIEN (Beckenham). *Paper:* The Mechanism of Salivary Secretion, Prof. V. E. HENDERSON and Mr. M. H. ROEPKE (Toronto).

Thursday, July 28th.—10 a.m., *Discussion:* The Outlook of Research in Therapeutics. To be opened by Prof. J. A. GUNN (Oxford), followed by Prof. V. E. HENDERSON (Toronto), Dr. ROBERT HUTCHISON (London), Prof. E. MELLANBY (Sheffield), Dr. J. H. BURN (London), and Prof. F. L. PYMAN (Nottingham). 12 noon, *Paper:* The Effect of Copper and Manganese on the Therapeutic Action of Iron, Dr. J. H. SHELDON (Wolverhampton).

3 p.m.—Visit to the Pharmaceutical Society of Great Britain, Bloomsbury Square, W.C. Visitors will be shown the School of Pharmacy and Pharmacological Laboratories.

PHYSIOLOGY AND BIOCHEMISTRY

President: Sir HENRY DALE, C.B.E., F.R.S., M.D., F.R.C.P., London.

Vice-Presidents: Professor J. B. COLLIP, M.D., Montreal, Canada; Sir F. GOWLAND HOPKINS, P.R.S., LL.D., M.B., F.R.C.P., Cambridge; Professor W. A. JOLLY, LL.D., M.B., Ch.B., Capetown, South Africa; Professor E. MELLANBY, F.R.S., M.D., F.R.C.P., Sheffield; Professor J. MELLANBY, F.R.S., M.D., London; Professor W. A. OSBORNE, M.B., B.Ch., Melbourne, Australia; Professor M. S. PEMBREY, F.R.S., M.D., London; Professor H. E. ROAF, M.D., London; Sir CHARLES S. SHERRINGTON, O.M., G.B.E., F.R.S., M.D., F.R.C.P., Oxford.

Honorary Secretaries: Professor E. C. DODDS, M.V.O., M.D., M.R.C.P., Courtauld Institute of Biochemistry, Middlesex Hospital, W.1; REGINALD HILTON, M.D., F.R.C.P., Dunn Laboratories, St. Bartholomew's Hospital, E.C.1.

Official Reporter: Dr. REGINALD HILTON.

The following programme has been arranged:

Wednesday, July 27th.—10 a.m., Presidential Address by Sir HENRY H. DALE (London) on The Relationship between Physiology and Medicine, followed by Sir THOMAS LEWIS (London), Dr. C. G. DOUGLAS (Oxford), Dr. J. A. RYLE (London), and Dr. F. R. WINTON (Cambridge).

Thursday, July 28th.—10 a.m., *Discussion:* The Bearing of Recent Research on the Sex Hormones on Clinical Medicine. To be opened by Dr. F. H. A. MARSHALL (Cambridge), followed by Dr. A. BUTENANDT (Göttingen), Dr. A. D. CAMPBELL (Montreal), Prof. J. B. COLLIP (Montreal), Dr. A. E. DOISY (St. Louis, Mo.), Dr. G. F. MARRIAN (London), and Dr. A. S. PARKES (London).

OPHTHALMOLOGY

President: Sir J. HERBERT PARSONS, C.B.E., F.R.S., LL.D., M.B., F.R.C.S., London.

Vice-Presidents: W. GORDON M. BYERS, M.D., Montreal, Canada; J. JAMESON EVANS, M.D., F.R.C.S., Birmingham; N. BISHOP HARMAN, LL.D., M.B., F.R.C.S., London; Sir WILLIAM T. LISTER, K.C.M.G., M.D. F.R.C.S., London; R. FOSTER MOORE, O.B.E., F.R.C.S., London; FRANCIS H. NAPIER, O.B.E., LL.D., M.B., F.R.C.S., Johannesburg, South Africa; D. D. PATON, M.B., Ch.B., F.R.A.C.S., Perth, Western Australia; C. H. USHER, M.B., F.R.C.S.Ed., Aberdeen; CYRIL H. WALKER, M.B., F.R.C.S., Clifton.

Honorary Secretaries: W. S. DUKE-ELDER, M.D., F.R.C.S., 59, Harley Street, W.1; J. W. TUDOR THOMAS, M.D., M.S., F.R.C.S., Clifton Lodge, 16, Cathedral Road, Cardiff.

Official Reporter: Dr. A. G. LUMSDEN.

The following programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* The Ocular Manifestations of Lesions of the Fifth Nerve. To be opened by Mr. R. FOSTER MOORE (London) and Dr. C. M. HINDS HOWELL (London), followed by Mr. HUGH W. B. CAIRNS (London), Sir WILLIAM T. LISTER (London), Dr. HUGH A. CARLETON (Bristol), Mr. J. H. DOGGART (London), Dr. A. J. BALLANTYNE (Glasgow), and Mr. CHARLES RUDD (Birmingham).

During the afternoon there will be scientific demonstrations of subjects of ophthalmological interest in the Physiology Laboratory of University College, in association with the Physiological Society.

Thursday, July 28th.—10 a.m., *Papers:* The Circulation of the Ciliary Fluid, Dr. R. A. KERRY (Montreal); The Diagnosis and Treatment of Tuberculous Disease of the Eye, Dr. W. CAMAC WILKINSON (London); Temporary Changes in the Refraction of the Eye in Diabetes, Mr. R. A. GREEVES (London); A Preliminary Note on Aspiration of the Vitreous, Mr. F. A. JULER (London); Ophthalmology in General Practice, Mr. D. V. GIRI (Eastbourne); Some Effects of Glare upon the Eye, Squadron Leader P. C. LIVINGSTON, R.A.F.M.S.; The Projection Scotometer, Mr. N. BISHOP HARMAN (London).

It is proposed to arrange two tours during the afternoon, one to the L.C.C. Hospital at Swanley, and the other to institutes of ophthalmological interest in London, including a myope school, the works of the United Kingdom Optical Company, etc.

ORTHOPAEDICS

President: Sir ROBERT JONES, Bt., K.B.E., C.B., LL.D., Ch.M., F.R.C.S., Liverpool.

Vice-Presidents: W. ROWLEY BRISTOW, M.B., F.R.C.S., London; R. C. ELMSLIE, O.B.E., M.S., F.R.C.S., London; H. A. T. FAIRBANK, D.S.O., O.B.E., M.S., F.R.C.S., London; Professor W. E. GALLIE, M.D., Toronto, Canada; G. R. GIRDLESTONE, M.B., F.R.C.S., Oxford; Professor ERNEST W. HEY GROVES, M.D., M.S., F.R.C.S., Bristol; Sir DONALD J. McGAVIN, C.M.G., D.S.O., M.D., F.R.C.S., Wellington, New Zealand; HARRY PLATT, M.D., M.S., F.R.C.S., Manchester; R. B. WADE, M.D., Ch.M., F.R.A.C.S., Sydney, Australia.

Honorary Secretaries: E. P. BROCKMAN, M.B., M.Ch., F.R.C.S., 73, Harley Street, W. 1; GEORGE PERKINS, *M.C.*, M.B., M.Ch., F.R.C.S., 102, Harley Street, W.1.

Official Reporter: Mr. GEORGE PERKINS.

The following programme has been arranged:

Thursday, July 28th.—10 a.m., *Discussion:* Colles's Fracture. To be opened by Mr. HARRY PLATT (Manchester), followed by Sir W. I. DE C. WHEELER (Dublin) and Mr. W. A. COCHRANE (Edinburgh).

3 p.m.—Demonstration, Treatment of Tuberculous Disease of the Hip-joint, by Dr. W. T. G. PUGH, at Queen Mary's Hospital, Carshalton.

Friday, July 29th.—10 a.m., *Discussion:* Osteo-arthritis of the Hip-joint. To be opened by Mr. R. C. ELMSLIE (London), Aetiology and Diagnosis, and Prof. ERNEST W. HEY GROVES (Bristol), Treatment.

DERMATOLOGY AND VENEREAL DISEASES

President: H. W. BARBER, M.B., F.R.C.P., London.

Vice-Presidents: J. FRED BURGESS, M.B., Montreal, Canada; S. ERNEST DORE, M.D., F.R.C.P., London; A. RUPERT HALLAM, M.D., Sheffield; Colonel L. W. HARRISON, D.S.O., M.B., F.R.C.P.Ed., London; DAVID LEES, D.S.O., M.B., F.R.C.P.Ed., F.R.C.S.Ed., Edinburgh; HENRY MACCORMAC, C.B.E., M.D., F.R.C.P., London; E. H. MOLESWORTH, M.D., Sydney, Australia; J. GOODWIN TOMKINSON, M.D., Glasgow.

Honorary Secretaries: Miss GLADYS M. SANDES, M.B., F.R.C.S., 98, Portland Place, W.1; J. E. M. WIGLEY, M.B., M.R.C.P., 132, Harley Street, W.1.

Official Reporter: Dr. G. B. DOWLING.

The following programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* The Use of Non-specific Protein Therapy. To be opened by Dr. R. CRANSTON LOW (Edinburgh), followed by Dr. HENRY MACCORMAC (London), Dr. NORMAN F. C. BURGESS (Bristol), and Dr. J. T. INGRAM (Leeds). *Papers:* Quinine Desensitization, Dr. J. F. BURGESS (Montreal); Monilethrix, Dr. J. GOODWIN TOMKINSON (Glasgow); Recurrent Boils, Some Points in the Aetiology, Complications, and Treatment, Dr. A. RUPERT HALLAM (Sheffield); The Statistics of a Dermatological Clinic, Dr. W. J. O'DONOVAN (London) and Dr. A. BURROWS (Bromley).

Thursday, July 28th.—10 a.m., *Discussion :* The Principles of Diagnosis and the Modern Treatment of Early Venereal Disease in Women. To be opened by Mr. J. JOHNSTON ABRAHAM (London), followed by Col. L. W. HARRISON (London) and Dr. T. ANWYL DAVIES (London), Dr. E. W. ASSINDER (Birmingham), and Dr. MARGARET RORKE (London). *Papers :* Ophthalmia Neonatorum, Observations on its Prevention and Treatment, Mr. D. LEES (Edinburgh) ; Acne, a Symptom, not a Disease, Dr. P. B. MUMFORD (Manchester) ; Infective Eczemas of the Scalp, Dr. G. B. DOWLING (London) ; Treatment of Epithelioma by Means of Radon, Dr. J. H. T. DAVIES (Hove).

ANAESTHETICS (INCLUDING PSYCHO-ANAESTHESIA)

President : Sir FRANCIS E. SHIPWAY, K.C.V.O., M.D., London.

Vice-Presidents : R. E. APPERLY, M.R.C.S., L.R.C.P., London ; WESLEY BOURNE, M.D., C.M., F.R.C.P.(C.), Montreal, Canada ; GILBERT BROWN, M.B., Ch.B., Adelaide, Australia ; ASHLEY S. DALY, M.R.C.S., L.R.C.P., London ; G. W. BAMPFYLDE DANIELL, M.R.C.S., L.R.C.P., Hermanus, C.P., South Africa ; HENRY W. FEATHERSTONE, M.D., Birmingham ; A. L. FLEMMING, M.B., Ch.B., Bristol ; C. LANGTON HEWER, M.B., B.S., London ; E. FALKNER HILL, M.B., Ch.B., Manchester.

Honorary Secretaries : W. HOWARD JONES, M.B., B.S., 43, Cambridge Street, Hyde Park, W.2 ; F. B. PARSONS, M.D., M.R.C.P., 56, Trumpington Street, Cambridge.

Official Reporter : Dr. F. B. PARSONS.

The following programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion :* The Choice of Anaesthetic for Abdominal Surgery. To be opened by Prof. H. FINSTERER (Vienna), followed by Mr. G. GORDON-TAYLOR (London), Mr. A. J. WALTON (London), and Mr. NORMAN C. LAKE (London). *Paper :* Spinal Analgesia, Dr. E. FALKNER HILL (Manchester).

Thursday, July 28th.—10 a.m., *Discussion :* The Care of the Lungs in General Anaesthesia. To be opened by Dr. H. W. FEATHERSTONE (Birmingham), followed by Sir J. CHARLTON BRISCOE (London), Dr. GEOFFREY MARSHALL (London), and Mr. DAVID BAND (Edinburgh). *Paper :* The Effects of Anaesthetics on the Liver, Dr. WESLEY BOURNE (Montreal).

TROPICAL MEDICINE

President : Sir LEONARD ROGERS, K.C.S.I., C.I.E., F.R.S., M.D., F.R.C.P., F.R.C.S., London.

Vice-Presidents : H. W. ACTON, C.I.E., M.R.C.S., L.R.C.P., Lieut.-Colonel I.M.S., Calcutta, India ; A. BREINL, M.D., Townsville, North Queensland ; Professor R. T. LEIPER, F.R.S., M.D., London ; Lieut.-Colonel W. GLEN LISTON, C.I.E., M.D., F.R.C.P.Ed., Edinburgh ; Sir RONALD ROSS, K.C.B., K.C.M.G., F.R.S., M.D., F.R.C.S., London ; A. T. STANTON, C.M.G., M.D., F.R.C.P., London ; Professor WARRINGTON YORKE, F.R.S., M.D., M.R.C.P., Liverpool.

Honorary Secretaries : N. HAMILTON FAIRLEY, O.B.E., M.D., F.R.C.P., 73, Harley Street, W.1 ; HUGH S. STANNUS, M.D., F.R.C.P., 76, Wimpole Street, W.1.

Official Reporter : Dr. H. M. HANSCHELL.

The following programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion :* The Teaching of Tropical Medicine. To be opened by Col. W. P. MACARTHUR (London). *Papers :* Tropical Typhus, Dr. W. FLETCHER (London) ; The Modern Treatment of Leprosy, Dr. R. G. COCHRANE (London).

Thursday, July 28th.—10 a.m., *Discussion :* Recent Studies in Yellow Fever and their Application to Measures for its Control. To be opened by Dr. W. B. JOHNSON (Lagos, Nigeria). *Papers :* The Relationship of Yaws to Syphilis, Prof. D. B. BLACKLOCK (Liverpool) ; Drug Resistance, with Special Reference to Trypanosomiasis, Prof. WARRINGTON YORKE (Liverpool) ; The Serum Therapy of Plague, Dr. B. P. B. NAIDU and Brevet Colonel F. P. MACKIE (Bombay).

On the afternoons of July 27th, 28th, and 29th there will be exhibits in the Museum as follows:

Group I.—(1) Yellow Fever, by Dr. S. H. DAUKES (London) ; (*a*) Demonstration of Clinical Charts, (*b*) Pathological Lesions in Experimentally Infected Monkeys. (2) Illustrations dealing with the Problem of Tropical Typhus in Urban and Rural Districts, by Dr. W. FLETCHER (London) and Dr. S. H. DAUKES. (3) Exhibition dealing with Modern Remedies for the Treatment of Leprosy, by Dr. T. A. HENRY (London).

Group II.—(1) Skin Maladies in the Tropics, by Lieut.-Col. H. W. ACTON (Calcutta). (2) Ultra-microscopic Virus Diseases, by Dr. G. W. M. FINDLAY (London), (*a*) Rift Valley Fever, (*b*) Climatic Bubo. (3) Exhibits of Recent Investigations in Sprue, including Haematological and Biochemical Charts, also Water-colour Drawings of Intradermal Skin Reactions in Filariasis, by Dr. N. HAMILTON FAIRLEY (London). (4) Exhibit of Coloured Drawings and Temperature Charts of *Plasmodium ovale*, by Prof. WARRINGTON YORKE (Liverpool) and Col. S. P. JAMES (London). (5) Demonstration on Bacteriophage, by Col. F. P. MACKIE (Bombay).

Group III.—(1) Specimens of Intestinal Ulceration by Dr. S. H. DAUKES. (2) Sigmoidoscopic Drawings of Dysenteric Lesions by Dr. P. H. MANSON-BAHR (London). (3) Exhibit from the London School of Hygiene and Tropical Medicine—Examples of Venomous Beasts.

MENTAL DISORDER

President : Sir MAURICE CRAIG, C.B.E., M.D., F.R.C.P., London.

Vice-Presidents : Sir HUBERT BOND, K.B.E., M.D., F.R.C.P., London ; Miss A. HELEN A. BOYLE, M.D., Hove ; HENRY DEVINE, O.B.E., M.D., F.R.C.P., Virginia Water ; BERNARD HART, M.D., F.R.C.P., London ; D. K. HENDERSON, M.D., F.R.F.P.S., Glasgow ; W. ERNEST JONES, M.R.C.S., L.R.C.P., Melbourne, Australia ; R. L. LANGDON-DOWN, M.B., Teddington ; ALVIN T. MATHERS, M.D., Winnipeg, Canada.

Honorary Secretaries : G. W. B. JAMES, *M.C.*, M.D., 124, Harley Street, W.1 ; J. R. REES, M.D., 14, Wimpole Street, W.1.

Official Reporter : Dr. J. R. REES.

The following programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* Mental Health and the General Practitioner. To be opened by Dr. C. MACFIE CAMPBELL (Boston, U.S.A.), followed by Dr. E. MAPOTHER (London), Dr. J. A. DAVIDSON (London), Dr. D. K. HENDERSON (Glasgow), Dr. RALPH A. NOBLE (Sydney and New York), Dr. L. A. WEATHERLY (Bournemouth), and Dr. MARION GREAVES (Ilkley).

Thursday, July 28th.—10 a.m., *Discussion :* Mental Health in Relation to Education. To be opened by Dr. H. CRICHTON-MILLER (London), followed by the Right Rev. the Lord BISHOP OF CHICHESTER, Dr. REGINALD MILLER (London), Mr. CUTHBERT BLAKISTON (Lancing College), Dr. RALPH H. CROWLEY (London), Dr. EVA M. CLEMENTS (High Wycombe), and Dr. S. BARTON HALL (Liverpool).

On Wednesday, July 27th, at 12.45 p.m., a motor coach will leave the place of meeting for Moorcroft House, where lunch will be provided (limited to 50). On the return journey the coach will visit the Admission Villa, Hanwell Mental Hospital, where tea will be provided.

On Thursday, July 28th, at 12.45 p.m., Visit to Bowden House, Harrow-on-the-Hill ; transport and lunch provided ; also visit to Woodside Hospital, transport and lunch provided (limited to 30). 2.15 p.m., Visit to Bethlem Royal Hospital ; transport and tea provided by Lord Wakefield of Hythe.

On Friday, July 29th, at 11.30 a.m., Visit to the Cassel Hospital, Penshurst, Kent ; transport and lunch provided (limited to 50). 12.45 p.m., Further visit to Woodside Hospital, as above.

These excursions are available also for ladies. The Honorary Secretaries of the Section would be grateful if members wishing to avail themselves of the excursions will notify one of them by postcard beforehand. They will also send on request particulars of visits arranged to the following institutions: Lady Chichester Hospital ; Guy's Hospital ; Institute of Medical Psychology ; East London Child Guidance Clinic ; London Child Guidance Clinic ; Maudsley Hospital ; National Institute of Industrial Psychology ; University College Hospital.

TUBERCULOSIS

President : Sir ROBERT W. PHILIP, LL.D., M.D., F.R.C.P. Ed., Edinburgh.

Vice-Presidents : L. S. T. BURRELL, M.D., F.R.C.P., London ; Professor S. LYLE CUMMINS, C.B., C.M.G., LL.D., M.D., Cardiff ; SINCLAIR GILLIES, M.D., Sydney, Australia ; E. S. HARDING, M.D., Montreal, Canada ; D. P. MARAIS, M.D., F.R.C.P.Ed., Capetown, South Africa ; Sir PENDRILL C. VARRIER-JONES, M.R.C.S., M.R.C.P., Papworth ; R. CECIL B. WALL, M.D., F.R.C.P., London ; R. C. WINGFIELD, M.B., F.R.C.P., Frimley ; R. A. YOUNG, C.B.E., M.D., F.R.C.P., London.

Honorary Secretaries : J. H. HARLEY WILLIAMS, M.D., National Association for the Prevention of Tuberculosis, Tavistock House North, Tavistock Square, W.C.1 ; DAN A. POWELL, M.D., Memorial Offices, Westgate Street, Cardiff.

Official Reporter : Dr. J. H. HARLEY WILLIAMS.

The following programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion :* The Position of Tuberculin To-day, (*a*) In Diagnosis, to be opened by Prof. S. LYLE CUMMINS (Cardiff), followed by Mr. P. M. D'ARCY HART (London), Dr. A. RICE RICH (Baltimore), Dr. W. STOBIE (Oxford), Dr. WILLIAM CHARLES WHITE (Washington, D.C.), Dr. HALLIDAY G. SUTHERLAND (London), Dr. R. CARSWELL (London), and Dr. ERNEST T. D. FLETCHER (London); (*b*) In Treatment, to be opened by Dr. R. A. YOUNG (London), followed by Dr. W. CAMAC WILKINSON (London), Dr. F. G. CHANDLER (London), Dr. A. B. PORTEOUS (London), Dr. JAMES WATT (Godalming), Dr. J. C. GILCHRIST (Cardiff), Dr. D. MELVILLE DUNLOP (Edinburgh), Dr. J. GORDON HUME (London), and Dr. J. R. GILLESPIE (Belfast). *Paper :* Co-operative Studies in the U.S.A. on the Chemistry and Biology of Acid-fast Strains, Dr. WILLIAM CHARLES WHITE (Washington).

Thursday, July 28th.—10 a.m., *Discussion :* The Role of the Bovine Tubercle Bacillus in Human Tuberculosis. To be opened by Dr. A. STANLEY GRIFFITH (Cambridge) and Prof. BRUNO LANGE (Berlin), followed by Dr. W. T. MUNRO (Glenlomond), Dr. W. G. SAVAGE (Weston-super-Mare), Prof. JOHN FRASER (Edinburgh), and Dr. W. M. CUMMING (Bradford). *Paper :* Tuberculosis of the Larynx and Artificial Sunlight Treatment, Sir STCLAIR THOMSON (London).

Practical Demonstrations have been arranged by Drs. R. C. WINGFIELD and L. S. T. BURRELL in the Out-patients' Department of Brompton Hospital on Wednesday, July 27th, at 2.30 p.m. *Programme :* 2.30 p.m., Demonstrations of the method of introducing lipiodol; 3 p.m., Demonstrations of the method of introducing lipiodol by Mr. P. FRANKLIN; 3.30 p.m., Demonstration of pleural wash-out by Dr. L. S. T. BURRELL. There will also be demonstrations of special beds for securing absolute rest by Drs. LEGGAT and CLARKE, and various physicians will demonstrate artificial pneumothorax apparatus; of pleural wash-out by Dr. PETER EDWARDS; and of apparatus for oleothorax and a simple blood sedimentation method. The results of thoracoplastic operations will also be shown.

The following Sections will meet on One Day

FORENSIC MEDICINE

President : Sir WILLIAM H. WILLCOX, K.C.I.E., C.B., C.M.G., M.D., F.R.C.P., London.

Vice-Presidents : GODFREY CARTER, M.B., M.R.C.P.Ed., Taunton; Professor R. FONTAINE, M.D., Montreal, Canada; Professor JOHN GLAISTER, sen., LL.D., M.D., Glasgow; Lieut.-Colonel C. GRAHAM GRANT, L.R.C.P., London; CLIVE NEWCOMB, D.M., Lieut.-Colonel I.M.S., Madras, India; A. A. PALMER, M.B., F.R.C.S.Ed., Sydney, Australia; Professor SYDNEY A. SMITH, M.D., Edinburgh; Sir BERNARD H. SPILSBURY, M.B., F.R.C.P., London; WILLIAM H. WHITEHOUSE, M.D., London.

Honorary Secretaries : G. ROCHE LYNCH, O.B.E., M.B., B.S., St. Mary's Hospital, W.2; W. B. PURCHASE, *M.C.*, M.B., B.Ch., St. Pancras Coroner's Court, Cambridge Street, N.W.1.

Official Reporter : Dr. MAURICE NEWFIELD.

The following programme has been arranged:

Thursday, July 28th.—10 a.m., Presidential Address, Sir WILLIAM H. WILLCOX (London). 10.15 a.m., *Papers :* Arsenic in Keratin Tissues (with discussion), Prof. SYDNEY A. SMITH (Edinburgh); Freak Suicides (with discussion), Dr. GODFREY CARTER (Curry Rivell); The Medico-legal Aspects of Voluntary Euthanasia (with discussion), Dr. C. KILLICK MILLARD (Leicester); The Employment of Pathologists in Coroners' Courts (with discussion), Sir BERNARD SPILSBURY (London); The Legal Duty of Medical Practitioners in the Certification of Death (with discussion), Dr. W. B. PURCHASE (London).

An exhibition and demonstration of specimens of medico-legal interest will be held in the Museum of the Royal College of Surgeons at 3 p.m., on Thursday, July 28th; tea at 4.

HISTORY OF MEDICINE

President : CHARLES SINGER, M.D., F.R.C.P., London.

Vice-Presidents : JOHN D. COMRIE, M.D., F.R.C.P.Ed., Edinburgh; L. COWLISHAW, M.B., Lindfield, N.S.W., Australia; RAYMOND CRAWFURD, M.D., F.R.C.P., London; Sir ARTHUR KEITH, F.R.S., LL.D., M.D., F.R.C.S., London; T. PERCY C. KIRKPATRICK, M.D., F.R.C.P.I., Dublin; ARCHIBALD MALLOCH, M.D., F.R.C.P., New York; Professor J. A. NIXON, C.M.G., M.D., F.R.C.P., Bristol; Sir D'ARCY POWER, K.B.E., M.B., F.R.C.S., London; JAMES YOUNG, M.D., Invercargill, New Zealand.

Honorary Secretaries : W. R. BETT, M.R.C.S., L.R.C.P., 11, The Avenue, Bedford Park, W.4; A. P. CAWADIAS, O.B.E., M.D., M.R.C.P., 52, Wimpole Street, W.1.

Official Reporter : Dr. MAURICE NEWFIELD.

Friday, July 29th.—10 a.m. The meeting will be devoted to the Study of Certain Manifestations of British Medicine during the Hundred Years of the Association. (1) Medical Journalism in the British Empire—A Retrospect and a Forecast, to be opened by Dr. N. G. HORNER (London), followed by Dr. R. HUTCHISON (London), Dr. W. BROCKBANK (Manchester), and Prof. J. A. NIXON (Bristol); (2) British Physiology during the last Hundred Years, to be opened by Sir EDWARD SHARPEY-SCHAFER (Edinburgh); (3) British Tropical Medicine during the last Hundred Years, to be opened by Dr. P. H. MANSON-BAHR (London), followed by Dr. J. B. CHRISTOPHERSON (London) and Dr. W. BYAM (London); Dr. Manson-Bahr will exhibit personal letters and relics of the British pioneers of tropical medicine; (4) British Homoeopathy during the last Hundred Years, to be opened by Sir JOHN WEIR (London), followed by Sir WILLIAM H. WILLCOX (London), Dr. GEORGE H. BURFORD (London), and Dr. FRANK H. BODMAN (Bristol). Dr. Burford will exhibit old books, documents, and photographs relating to the history of Homoeopathy in Great Britain.

MEDICAL SOCIOLOGY

President : Sir ROBERT BOLAM, LL.D., M.D., F.R.C.P., Newcastle-on-Tyne.

Vice-Presidents : R. C. BUIST, LL.D., M.D., Dundee; C. O. HAWTHORNE, LL.D., M.D., F.R.C.P., London; The Most Hon. the MARQUESS OF LINLITHGOW, K.T., G.C.I.E.; Sir RICHARD H. LUCE, K.C.M.G., C.B., M.B., F.R.C.S., Romsey; Sir ERNEST W. MORRIS, C.B.E., London; The Right Hon. the EARL OF ONSLOW, P.C.; T. C. ROUTLEY, LL.D., M.D., F.R.C.P.(C.), Toronto, Canada; The Hon. Sir ARTHUR STANLEY, G.B.E., C.B., M.V.O., LL.D., London.

Honorary Secretaries : L. G. GLOVER, M.D., 22, Upper Wimpole Street, W.1; N. E. WATERFIELD, M.B., F.R.C.S., Foulis, Great Bookham, Surrey.

Official Reporter : Mr. H. COOPER.

The following programme has been arranged:

Friday, July 29th.—10 a.m., *Discussion :* Hospital Provision as a Social Service, (*a*) The Function of Hospitals in Relation to Treatment, Teaching, and Research, to be opened by Dr. C. O. HAWTHORNE (London), followed by Lord COZENS-HARDY and Dr. E. R. FOTHERGILL (Hove); (*b*) The Provision of Hospital Service by (i) Voluntary Agencies—Speakers, Lord LINLITHGOW and Lord ONSLOW; and (ii) Public Authorities—Speaker, Dr. F. BARRIE LAMBERT (London); (*c*) The Special Financial Problems of Voluntary Hospitals, with Reference to Contributory Schemes, Provision of Maintenance and Medical Service—Speakers, Sir ROBERT BOLAM (Newcastle-on-Tyne), Mr. SYDNEY LAMB (Liverpool), and Captain J. E. STONE (Birmingham).

VISITS AND DEMONSTRATIONS OF GENERAL INTEREST

A series of visits to hospitals and other institutions of treatment has been arranged, including the following:

Tuesday, July 26th.—5.45 p.m.: Lecture by Sir John Weir on "Homoeopathy: An Explanation of its Principles." Royal Society of Medicine, 1, Wimpole Street, W.

Wednesday, July 27th, Thursday, July 28th.—Tea. The Board of the London Clinic and Nursing Home, Ltd., 149, Harley Street, W., have offered to show over the nursing home any members who would like to see the building.

Thursday, July 28th.—2.30 p.m.: Elizabeth Garrett Anderson Hospital, 144, Euston Road, N.W. 2.30 p.m.: South London Hospital for Women, Clapham Common, S.W. 2.30 to 6.30 p.m.: British Red Cross Clinic for Rheumatism, Peto Place, Marylebone Road, will be open for inspection by members and their friends attending the Centenary Meeting.

Friday, July 29th.—3 p.m.: Mount Vernon Hospital, Northwood. A short introductory address will be given by Sir Cuthbert S. Wallace on the work being carried out by the hospital, followed by demonstrations of cancer patients treated by radiotherapy. 2.30 to 5 p.m.: London Homoeopathic Hospital, Great Ormond Street, Queen Square, W.C. Clinical demonstration illustrative of homoeopathic treatment in all branches of medical practice.

The epidiascopes and lanterns for use at the Centenary Meeting have kindly been lent by the University of London and by Messrs. W. Edwards and Company, Allendale Road, Selborne Road, Denmark Hill, S.E.5.

The Honorary Organizing Secretary for the Centenary Meeting is Dr. E. A. WORLEY, and the Honorary Scientific Secretary Dr. H. GARDINER-HILL. The Honorary Treasurer is Sir BASIL BLACKETT. All communications for the Secretaries should be addressed to the B.M.A. Centenary Offices, Tavistock House North, Tavistock Square, W.C.1.

Synopsis of Time-table

(The complete Time-table will be printed in the Handbook of the Meeting.)

Thursday, July 21st

9.0 a.m.—Ladies' Club and Bureau open at B.M.A. House.
9.30 a.m.—*Annual Representative Meeting.* B.M.A. House.
1.0 p.m.—Luncheon to Oversea Representatives. Hotel Russell.
2.30 p.m.—Ladies' Excursions.
4.30 p.m.—Ladies' Tea Party, by invitation of Lady Blackett, at 9, Seymour Street, W.
4.30 p.m.—Ladies' Tea Party, by invitation of Mrs. Ernest Waggett, at 39, Wimpole Street, W.
7.30 p.m.—Representatives' Dinner. Park Lane Hotel.
7.30 p.m.—Ladies' Dinner. Park Lane Hotel.

Friday, July 22nd

9.0 a.m.—Ladies' Club and Bureau open at B.M.A. House.
9.30 a.m.—*Annual Representative Meeting.* B.M.A. House.
10.0 a.m.—Ladies' Excursions.
1.0 p.m.—Photograph of Representative Body.
2.0 p.m.—Ladies' River Trip and Tea Party at Teddington, by invitation of Dr. and Mrs. Langdon-Down.
2.30 p.m.—Ladies' Tea Party at Kendal Hall, Radlett, Herts.
8.0 p.m.—Summer Dinner of Australian and New Zealand Medical Association in England, Trocadero.
9.30 p.m.—Reception at 5, Carlton House Terrace, S.W., by invitation of Mr. Gordon Selfridge and Princess Wiasemsky.

Saturday, July 23rd

9.0 a.m.—*Council Meeting.* B.M.A. House.
9.0 a.m.—Ladies' Club and Bureau open at B.M.A. House.
10.0 a.m.—*Annual Representative Meeting.* B.M.A. House.
10.0 a.m.—Ladies' Excursions.
2.30 p.m.—Ladies' Tea Party at Hurlingham.
Ranelagh (200). Tickets at half price (5s. 6d.), at Registration Bureau, B.M.A. House.
3.0 p.m.—*Annual General Meeting.*
3.30 p.m.—Extraordinary Annual General Meeting
3.30 p.m.—Presentation by Sir Humphry Rolleston, Bt., to Dr. Alfred Cox on behalf of the subscribers to the Alfred Cox Testimonial Fund.

Sunday, July 24th

Pilgrimage to Worcester

8.40 a.m.—Special Train leaves Paddington, arriving Worcester (Foregate Street) 10.50 a.m.
11.0 a.m.—Unveiling of Plaque on House formerly occupied by Sir Charles Hastings.
*11.45 a.m.—Procession to Cathedral from Guildhall.
*12 noon.—*Official Centenary Service* in Cathedral, and Unveiling of Memorial Window to Sir Charles Hastings.
*12 noon.—High Mass in Catholic Church.
1.30 p.m.—Luncheon.
3.0 p.m.—Mayor of Worcester At Home in the Guildhall.
3.0 p.m.—Visits to Droitwich, Besford Court, and the Worcester Porcelain Works.
5.50 p.m.—Special Train leaves Worcester, stopping at Pershore at 6.4, and arriving Paddington 8.18 p.m.
9.0 p.m.—Concert at Hotel Victoria, Northumberland Avenue, W.C.2.

Monday, July 25th

9.30 a.m.—*Annual Representative Meeting.* B.M.A. House.
11.30 a.m.—Ladies' visit to Messrs. Carters' Nurseries.
2.0 p.m.—Reception Room open for Registration at Imperial Institute, South Kensington, and Exhibition open for inspection.
2.0 p.m.—Ladies' Club and Bureau open at Imperial College Union, Prince Consort Road, South Kensington.
3.0 p.m.—Meeting on behalf of Medical Charities, B.M.A. House.
3.30 p.m.—*Conference of Oversea Representatives and Delegates.* B.M.A. House.
2.30 p.m.—Ladies' Excursions.
4.0 p.m.—Lady Dawson of Penn At Home at 32, Wimpole Street, W.1.
5.30 p.m.—Sherry Party for Ladies, by invitation of Lady Fripp, at 19, Portland Place, W.
6.0 p.m.—Lodge Meeting and Dinner of the Motherland Lodge. Oversea applications to Mr. Arnold West, Trafalgar Buildings, 1, Charing Cross, W.C.2.
7.30 p.m.—Dinner by invitation at the Apothecaries' Hall.
9.0 p.m.—Reception by Forum Club.

Tuesday, July 26th

9.0 a.m.—Reception Room open for Registration at Imperial Institute.
9.0 a.m.—Exhibition open at Imperial Institute.
9.0 a.m.—Ladies' Club and Bureau open at Imperial College Union.
10.0 a.m.—*Council Meeting.* Imperial Institute.
11.0 a.m.—Cinematographic Demonstration of Living Tissue cultivated *in vitro*, by Dr. R. G. Canti in the Empire Marketing Board's Cinema, Imperial Institute.
11.0 a.m.—Ladies' Visit to Liberty's, Regent Street, W.
12 noon.—Official Opening of the Reception Room and Exhibition by Lord Dawson of Penn. Imperial Institute.
Excursions.
*4.0 p.m.—*Adjourned Annual General Meeting.* Welcome of Oversea Delegates, Representatives, and Foreign Guests. *President's Address* at Queen's Hall.
5.30 p.m.—At Home by invitation of Claridge's Hotel, W.1.
*9.0 p.m.—*President's Reception and Dance.* Albert Hall.

Wednesday, July 27th

9.0 a.m.—Reception Room open for Registration at Imperial Institute.
9.0 a.m.—Exhibition open. Imperial Institute.
9.0 a.m.—Ladies' Club and Bureau open at Imperial College Union.
9.30 a.m.—Pathological Museum open. Royal School of Mines, Prince Consort Road, South Kensington.
9.30 a.m.—Ladies' Golf Meeting at Walton Heath.
10.0 a.m. to 1.0 p.m. *Sectional Meetings.* Imperial Institute, Imperial College of Science and Technology, South Kensington; Royal Geographical Society, Kensington Gore; Science Museum, Exhibition Road.
10.0 a.m.—Ladies' Excursions.
1.0 p.m.—Irish Graduates' Lunch, Criterion Hotel.
2.30 p.m.—Secretaries' Conference. B.M.A. House.
Excursions.
*8.30 p.m.—*Reception at the Guildhall* by the Lord Mayor and Corporation of the City of London.
8.30 p.m.—Reception at Wellcome Museum.
9.0 p.m.—Reception by Mrs. Anghel Gaster at 7, Sussex Place, N.W.1.

Thursday, July 28th

8.30 a.m.—National Temperance League. Annual Medical Breakfast in Selfridge's Luncheon Hall.
9.0 a.m.—Reception Room open for Registration at Imperial Institute.
9.0 a.m.—Exhibition open. Imperial Institute.
9.0 a.m.—Ladies' Club and Bureau open at Imperial College Union.
9.30 a.m.—Pathological Museum open.
9.30 a.m.—Golf. Ulster and Childe Cups at Moor Park.
9.45 a.m.—Richmond Park. View of Pictures at Bridgewater House, by permission of the Earl of Ellesmere.
10.0 a.m. to 1.0 p.m. *Sectional Meetings.*
10.0 a.m.—Ladies' Excursions.
10.0 a.m.—Ladies' American Tournament at Campden Hill Lawn Tennis Club.
11.0 a.m.—Ladies' Visit to Liberty's, Regent Street, W.
2.0 p.m.—Ladies' Excursion, and Tea with Miss Alexander.
2.30 p.m.—Red Cross Clinic for Rheumatism, Peto Place.
Excursions.
3.15 p.m.—Vespers at Westminster Cathedral, Address and Benediction by the Cardinal Archbishop.
Reception by Cardinal at Archbishop's House.
3.30 p.m.—Lady English At Home, 82, Brook Street, W.1.
4.30 p.m.—Reception at London School of Hygiene and Tropical Medicine, Keppel Street, W.C.1.
7.30 p.m. for 8.0 p.m. *Centenary Dinner.* Royal Albert Hall. (2,000.)
8.0 p.m.—Ladies' Junior Committee Party at Ewhurst, by invitation of Mrs. Rowlands.

Friday, July 29th

8.30 a.m.—Medical Missionary Breakfast. Imperial College Union, Prince Consort Road, South Kensington.
9.0 a.m.—Reception Room open for Registration at Imperial Institute.
9.0 a.m.—Exhibition open. Imperial Institute.
9.0 a.m.—Ladies' Club and Bureau open at Imperial College Union.
9.30 a.m.—Pathological Museum open.
9.30 a.m.—Golf. Nottingham Ladies' Challenge Cup at Sandy Lodge.
10.0 a.m. to 1.0 p.m. } *Sectional Meetings.*
10.0 a.m.—Ladies' Excursions.
10.0 a.m. to 4.0 p.m. } The *Lancet* office, built by Robert Adam in 1770, open to visitors. 7, Adam Street, Adelphi, W.C.2.
2.0 p.m.—Golf. Treasurer's Cup and Mr. Canny Ryall's Prize at Walton Heath.
4.0 p.m.—Reception by Royal College of Physicians.
4.30 p.m.—Reception by Royal Society of Medicine.
8.0 p.m.—Dinner by the *Practitioner* to Delegates and Officers of the B.M.A., Dorchester House.
8.0 p.m.—Popular Lecture by Professor Julian Huxley, M.A., at University College, London. Title, "The Biology of Human Nature."
9.0 p.m.—*Metropolitan Counties Branch Reception and Dance.* Grosvenor House, Park Lane.

* Academic dress will be worn at these functions.

Saturday, July 30th, to August 1st.

Visit by invitation of 50 Oversea Delegates, Representatives, and Foreign Guests to Bath and Bristol.

Excursions marked "Ladies" are reserved exclusively for ladies. —Full information about these and the other excursions will appear in the *Handbook* of the Meeting, which each member will receive on registering his name at the Reception Room.

Various entertainments, including private teas and dinner parties, are being arranged by the Ladies' Committee.

Ladies wishing to enter for competitions arranged by the Ladies' Sports Committee, either golf or tennis, are asked to send their names in as soon as possible to the Honorary Secretary, Ladies' Sports Committee, 21, North Gate, Regent's Park, London, N.W.8.

Golf.—Members of the Association (wearing badge) may play on any of the following courses, from Monday, July 25th, to Friday, July 29th, inclusive, by kind permission: Walton Heath, Royal Mid-Surrey, Sandy Lodge, and Northwood, free; Sunningdale, Royal Wimbledon, Addington Palace, and Oxhey, 5s. daily; South Herts, 4s. a day; Moor Park, 3s. 6d. a day; oversea visitors are granted the courtesy of the green free at St. George's, Sandwich. Walton Heath, lunch and tea as the guests of Lord Riddell.

MUSEUM AND CINEMA

Mr. Philip H. Mitchiner and Dr. John O. Oliver, honorary secretaries of the Museum Committee, have prepared a scheme whereby the Museum and Cinema can be run efficiently in a somewhat modified form for the sum now allotted. The expenses of the scheme are still so great as to allow of little or no margin, and the Museum Committee has decided that no insurance of specimens will be possible this year; all exhibitors must therefore understand that whilst every reasonable care will be taken with all specimens and material submitted, no financial responsibility whatsoever will rest with the committee or its secretaries, and that all specimens or exhibits must be offered and are accepted on this understanding. It is nevertheless believed and hoped that there will in consequence of it be no diminution in the material offered for exhibition, as it is the wish of the committee that the Museum for the Centenary Meeting shall be worthy of the exceptional occasion. The Museum will be arranged in four very large rooms at the Royal School of Mines, Prince Consort Road, South Kensington, S.W.7.

The present scheme allows for the use of the large examination hall as the Museum proper. This will house all the pathological specimens in jars, and, in addition, the Picture Gallery to be provided by the Tropical Section. The Mineralogy Laboratory is being given over entirely to the *X*-ray Section, as this room can be fairly conveniently darkened, or semi-darkened. It is proposed that the Judd Laboratory should house the exhibit of Dr. Maude Abbott, and in addition the display of instruments of restraint to be shown by the Section of Mental Diseases. The Ramsey Drawing Office will be available for the Section of Pathology for its microscopes and other specimens. This room will also be used for any microscopical specimens which may be shown by other Sections. The Sections in general will be able to exhibit an average of seventy-five specimens each, and these will be arranged on triple shelving in the large examination hall. Secretaries of Sections desiring special arrangements should notify the secretaries of the Museum Committee (Tavistock House North, Tavistock Square, W.C.1), as otherwise ordinary shelving arrangements will be provided.

The Cinema.—Arrangements have been made for the exhibition of films of medical and surgical interest on the three afternoons of July 27th, 28th, and 29th in the lecture theatre of the Science Museum, Exhibition Road, South Kensington (by kind permission of Sir Henry Lyons, F.R.S., Director). The films will be shown between the hours of, say, 2 and 5 p.m. daily. This will allow of the showing of a comparatively large number of films, and the secretaries will be glad to be informed of any interesting films which may be available. The cinematograph machine fitted in the theatre is of standard size, and only films of standard width can therefore be exhibited.

Individual members of the Association having interesting specimens to show should, as far as possible, arrange with the gentlemen responsible for the appropriate Section.

SECTIONS OF THE MUSEUM

Medicine (including Diseases of Children and Orthopaedics): Dr. DONALD HUNTER.
Surgery: Mr. WAKELEY and Mr. MITCHINER.
Obstetrics and Gynaecology: Mr. STEVENS.
Neurology (with Mental Disorders): Dr. GREENFIELD.
Pathology and Bacteriology: Dr. BRATTON.
Radiology: Dr. GRAHAM-HODGSON.
Tropical Medicine: Dr. S. H. DAUKES.
Oto-Rhino-Laryngology: Mr. E. D. D. DAVIS and Mr. CAWTHORNE.
Tuberculosis: Dr. E. ATKIN.

CENTENARY DINNER

The Centenary Dinner of the British Medical Association will be held in the Royal Albert Hall, London, S.W., on Thursday, July 28th, at 7.30 for 8 p.m., under the presidency of Lord Dawson of Penn. H.R.H. the Prince of Wales will be the principal guest. Each member is entitled to bring, on payment, one guest (lady or gentleman). Medical men who are non-members of the Association cannot buy tickets. The majority of the dinner guests will sit at forty-two tables arranged on the "big floor" of the hall, but about 300 will be accommodated in the loggia and ground floor boxes. A perfect system of amplification is being installed so that speeches shall be heard clearly by everyone. Tickets will be allotted in strict order of application accompanied by cheque. A plan of the hall showing the seating arrangements for the dinner appeared in the *Supplement* of June 11th. Price of tickets, 30s. each. All applications to be addressed to the Honorary Organizing Secretary, Centenary Meeting, Tavistock House North, Tavistock Square, W.C.1.

DIRECTIONS AS TO REGISTRATION, TICKETS, etc.

All members must register at the Reception Room in the Imperial Institute, South Kensington, S.W.7 (near the Royal Albert Hall), which will be open on Monday, July 25th, from 2 p.m. to 6 p.m., and on the following Tuesday, Wednesday, Thursday, and Friday from 9 a.m. to 6 p.m.

After signing the book members will each be given a "Member's Card," which will entitle them to apply for

two tickets for any entertainment or function, but no member will obtain more than two tickets until all other members are supplied. Tickets will be issued in *priority of application on production of membership card.*

All tickets will be issued at the ticket counter at the north end of the Great Hall, Imperial Institute.

ACADEMIC DRESS

Academic dress will be worn at the official Centenary Service in the Cathedral and the High Mass at the Catholic Church, on Sunday, July 24th, on the occasion of the Pilgrimage to Worcester ; at the President's Address and President's Reception and Dance on Tuesday, July 26th ; and at the Civic Reception at the Guildhall on Wednesday, July 27th. Those desiring robes should communicate with Messrs. Ede and Ravenscroft, 93–94, Chancery Lane, London, W.C.2, the official robemakers to the Association, or with the robemakers of their own universities.

RAILWAY VOUCHERS TO LONDON

For the convenience of members attending the Centenary Meeting the railway companies of Great Britain (except the Metropolitan, the Metropolitan District, and the London Electric Railway Companies) will issue return tickets for both classes at the ordinary single fare and one-third for the double journey, fractions of 3d. being reckoned as 3d. This year it has been possible to obtain a further concession from the railway companies by extending the time during which the ticket is available. Members, on application to the Financial Secretary, may obtain a signed voucher, which can be exchanged at the booking office for a railway ticket. These tickets can be used from July 14th to August 8th, and will thus cover the period of the Meeting and allow members and their families, if they so desire, to extend their stay in London both before and after the celebrations.

TEMPORARY MEMBERSHIP OF CLUBS

The following clubs have kindly offered temporary honorary membership to a specified number of members of the British Medical Association visiting London for the Centenary Week. As the numbers are limited, and names have to be sent into the clubs beforehand, members who wish to avail themselves of the privilege of honorary membership are requested to write at once to Mr. Howard Stratford, Cheniston Lodge, Cheniston Gardens, W.8, placing the names of the clubs in order of preference. On their arrival in London members should make inquiries as to the result of their applications at the Information Bureau, B.M.A. House, Tavistock Square, W.C.1, on Thursday, Friday, and Saturday, July 21st, 22nd, and 23rd, or at the Reception Room, the Imperial Institute, South Kensington, S.W.7, on Monday, July 25th, and following days.

Athenaeum, Pall Mall, S.W.1.

Arts Theatre Club, Great Newport Street, W.C.2. (Men and women.)

British Empire Club, 12, St. James Square, S.W.1.

Constitutional Club, 28, Northumberland Avenue, W.C.2. (Men only.)

Hurlingham, Fulham, S.W.6. (Limited number of free passes for any day between July 21st and 30th inclusive.)

Junior Carlton, 30, Pall Mall, S.W.1.

London and Southern Counties Bowling Association, Affiliated Clubs. Details will appear in the Handbook of the Meeting.

The Oval, by arrangement with members of the Surrey County Cricket Club, a limited number of members can be introduced as guests to the Pavilion during the following matches:

Surrey *v.* Kent, July 23rd, 25th, and 26th.
Surrey *v.* Gloucester, July 27th, 28th, and 29th.
Surrey *v.* Notts, July 30th.

Applications should be made at the Reception Room, specifying the days on which members wish to be present. This privilege does not include admission to the ground, which is 1s.

Ranelagh Club, Barnes, S.W.13. A number of tickets at half-price—that is, 5s. 6d.—for Saturday afternoon, July 23rd. There will be military jumping for the Athlone Cup, polo, and tennis.

Roehampton Club, Roehampton Lane, S.W.15. A limited number of complimentary tickets for any day, and a large number of passes at 2s. 6d. each for the following days: Monday, July 25th, to Friday, July 29th, inclusive. There will be golf and tennis.

Royal Automobile Club, Pall Mall, S.W.1. (Oversea members and guests only.)

Royal Societies Club, 63, St. James's Street, S.W.1. (Men only.)

Royal Thames Yacht Club, Hyde Park House, Knightsbridge, S.W.1. (Men only.)

Savage Club, Adelphi, W.C.2. (Men only.)

Sesame Club, 49, Grosvenor Street, W.1. (Men and women.)

Travellers' Club, Pall Mall, S.W.1.

Union Club, Carlton House Terrace, S.W.1.

Melbury Lawn Tennis Club, Melbury Road, W.14. (Members can play during the period July 21st to 30th at half the usual guest fee charged—that is, 1s. 6d. for each person, morning or afternoon.)

Clubs for Ladies

The following clubs have kindly offered temporary honorary membership to a specified number of ladies visiting London for the Centenary Meeting of the British Medical Association. As the numbers are limited, and names have to be sent in to the clubs beforehand, ladies who wish to avail themselves of the privilege of honorary membership are requested to write at once to Mrs. Howard Stratford, Cheniston Lodge, Cheniston Gardens, W.8, placing the names of the clubs in order of preference. On their arrival in London ladies should make inquiries as to the result of their applications at the Hospitality Bureau of the Ladies' Club, which will be at B.M.A. House, Tavistock Square, W.C.1, on Thursday, Friday, and Saturday, July 21st, 22nd, and 23rd, and at the Imperial College Union, Prince Consort Road, S.W.7, on Monday, July 25th, and following days.

Albemarle Club, 37, Dover Street, W.1. (Oversea and foreign guests only.)

Arts Theatre Club, Great Newport Street, W.C.2. (Men and women.)

Bath Club, 34, Dover Street, W.1. (Limited number of tickets for swimming on July 22nd, 25th, 27th, and 29th.)

Cowdray Club, 20, Cavendish Square, W.1. (Resting and writing rooms only.)

Empress Club, 35, Dover Street, W.1.

English-Speaking Union, Dartmouth House, 37, Charles Street, Berkeley Square, W.1. (Men and women from United States and Dominions only.)

Forum Club, 6, Grosvenor Place, S.W.1.

Halcyon Club, 13, Cork Street, W.1.

Hurlingham, Fulham, S.W.6. (See above.)

International Sports Club, Grosvenor House, Park Lane, W.1.

Ladies' Army and Navy Club, 27, St. James's Place, S.W.1. (Ladies of English race only.)

Ladies' Carlton Club, 5, Grosvenor Place, S.W.1.

Ladies' Park Club, Parkside, Knightsbridge, S.W.1. (Ladies of British birth and nationality only.)

Lyceum Club, 138, Piccadilly, W.1.

Overseas League, Vernon House, Park Place, St. James's Street, W.1. (Oversea guests only.)

Pioneer Club, 12, Cavendish Place, Cavendish Square, W.1.

Ranelagh Club, Barnes, S.W.13. (See above.)

Roehampton Club, Roehampton Lane, S.W.15. (See above.)

Sesame Club, 49, Grosvenor Street, W.1. (Men and women.)

University Women's Club, 2, Audley Square, W.1. (Preference to medical women and those holding degrees.)

V.A.D. Ladies' Club, 28, Cavendish Square, W.1.

ACCOMMODATION IN HOTELS, Etc.

A full list of hotels, etc., and their tariffs, prepared to assist members of the Association in making their choice was printed in the *Supplement* of May 21st, and a few additions to the list appeared on June 18th. It was pointed out that application must be sent direct to the hotels when applying for rooms, and that mention should be made of the Centenary Meeting of the British Medical Association.

If any further information is required with reference to hotels or in connexion with hospitality for members resident in the United Kingdom, application should be made to Mr. Howard Stratford, Cheniston Lodge, Cheniston Gardens, London, W.8. Oversea delegates and guests and other members from over-seas desiring hospitality should communicate at once with Sir Crisp English, K.C.M.G., 82, Brook Street, W.1.

GARAGES RECOMMENDED BY THE ROYAL AUTOMOBILE CLUB

Name and Address of Garage	Telephone No.	No. of Cars	No. of Lock-ups	Charges	
				Per day	Period of British Medical Association Meeting
* † Park Motor Co. Ltd., Wells Street, Jermyn Street, S.W.1	Gerrard 1927	350	3	2/6 to 5/-	—
* † Westminster Garage, Ltd., Petty France, Victoria Street, S.W.1	Victoria 6220	350	50	3/- to 5/-	—
* † Moon's Garages, Ltd., 104-112, Buckingham Palace Road, S.W.1	Sloane 8215/6	350	—	1/6 to 3/6	From 8.30 a.m. till 6 p.m. 1/6 daily
* † Shrimptons Motors, Halkin St., Hyde Park Corner, S.W.1	Sloane 5218/9 *Night:* Sloane 5490	100	—	3/-	20/-
* † Armitage Motor Co., 1 & 2, Wilton Mews, Wilton St., Grosvenor Place, S.W.1	Sloane 2327	60	9	From 2/-	From 12/6
* † Rawlings Bros., Ltd., 87A, Cromwell Road, South Kensington, S.W.7	Frobisher 8161	200	40	2/6 to 4/-	—
* † Lex Garages, Ltd., Lexington Street, Piccadilly Circus, W.1	Gerrard 8926	1,000	12	2/- to 3/-	9/- to 15/- week. Lock-ups 25/- week
* † Piccadilly Circus Garage, Ltd., Denman Street, Piccadilly Circus, W.1	Gerrard 4644	350	—	2/- to 4/-	8/6 to 24/- per week
* † University Motors, Ltd., 7, Hertford Street, W.1	Grosvenor 4141	500	12	2/6 to 3/6	12/6 to 20/-
* † Poland Street Garage, Poland Street, Oxford Circus, W.1	Gerrard 6378	500	—	3/- to 4/6	15/- to 30/- per week
† Sussex Motor Co., 1, Burwood Mews, Burwood Place, Edgware Road, W.2	Paddington 5896 and 5306	30	6	From 1/6	10/6
* † Ralph & Co., 171, Harrow Road, W.2	Paddington 0688/9	65	3	2/-	10/6
* † St. Pancras Garages, 92/4, Judd Street, W.C.1	Terminus 3626	50	2	2/6	12/6
* † Salmons & Sons, 6-9, Upper St. Martin's Lane, W.C.2	Temple Bar 3338	400	—	2/6 to 3/6	12/6 to 20/- per week
† Westminster Bridge Garage & Engineering Co., Ltd., 5, Lambeth Palace Road, S.E.1	Hop 5279	100	—	1/6 to 3/-	7/6 to 17/6
* † Finchley Rd. Garage, Ltd. 335, Finchley Rd., N.W.3	Hampstead 2252	130	—	2/-	10/6
* † Carlton Engineering Co., 39, Greville Road, St. John's Wood, N.W.6	Maida Vale 1435 & 1128	100	2	1/- to 2/-	8/6 to 10/6
* † Highfield Garage, Ltd., Golders Green Road, Golders Green, N.W.11	Speedwell 1444/5	200	60	2/-	10/-

* Open all night. † Open on Sundays.

Cars for Richmond Park Drive

In connexion with the drive round Richmond Park, arranged for Thursday, July 28th, and the subsequent visit to Bridgewater House to view the famous pictures, Dr. Percy B. Spurgin, 35, Welbeck Street, W.1, will be glad to hear from any member or friend of the Association willing to lend a private car for the morning, from 9.30 to 11.30 o'clock, stating the accommodation available.

Oversea Guests, Representatives and Delegates

Will all foreign Oversea Guests, Representatives, and Delegates please communicate with the Oversea Department, Centenary Office, Tavistock House (North), Tavistock Square, W.C.1, giving date of arrival, by whom they are accompanied, and where and how long they are staying.

INFORMATION BUREAU

For the convenience of members attending the Centenary Meeting who will be in London during the week-end preceding the meeting an Information Bureau will be open at B.M.A. House, Tavistock Square, W.C., from 9 a.m. to 6 p.m. on Thursday, Friday, and Saturday, July 21st, 22nd, and 23rd.

The Council of Epsom College cordially invites any of those attending the Centenary Meeting to visit the school on Tuesday, July 19th, or Thursday, July 21st, at any time between two and six o'clock. If they would on arrival at the school ask for the Bursar he will be happy to show them over the school, and if they would inform him of the time of arrival at Epsom Station he will arrange for them to be met.

WORCESTER PILGRIMAGE

SUNDAY, JULY 24th

UNVEILING OF TABLET ON THE FOUNDER'S HOUSE

At 11 a.m. Dr. W. G. Willoughby (President of the Association, 1931-2) will unveil a tablet on the wall of No. 43, Foregate Street, the house formerly occupied by Sir Charles Hastings. The Mayor of Worcester will also take part in this ceremony.

PROCESSION TO THE CATHEDRAL

After the tablet has been unveiled, members will go by way of Foregate Street and High Street to the College Hall (adjoining the Cathedral), where they will robe. Members will then assemble at the Guildhall in High Street, from which the procession will start at 11.45 a.m. The procession will reach the Cathedral by way of High Street.

CATHEDRAL SERVICE

Service in the Cathedral at 12 noon. The sermon will be preached by The Rt. Rev. E. W. Barnes, D.D., F.R.S., Bishop of Birmingham. During the course of the service a window in memory of Sir Charles Hastings will be unveiled by the President, Lord Dawson of Penn.

LUNCHEON

Immediately at the close of the service, luncheon will be served in a marquee on College Green (adjoining the Cathedral). Dr. Neville Crowe, Chairman of the Worcester Division, will preside, and will hand over to the Association the original of the well-known portrait of Sir Charles Hastings.

RECEPTION BY THE MAYOR

During the afternoon from 3 o'clock the Mayor of Worcester will hold a Reception in the Guildhall, to which all those attending the Pilgrimage are invited.

AFTERNOON EXCURSIONS

(*a*) *Droitwich.*—Motor coaches leave the car park adjoining College Green at 3 p.m., returning from Droitwich in time to catch the return train from Worcester to London at 5.50 p.m.

(*b*) *Besford Court Catholic Mental Hospital and Training College for Boys and Youths.*—Motor coaches leave the car park adjoining College Green at 3 p.m., returning to Pershore in time to join the London train.

(*c*) *Worcester Porcelain Works.*—The Porcelain Works are situated within a few minutes' walk of College Green.

PARKING ARRANGEMENTS

On Sunday, July 24th, the B.M.A. private parking place at Worcester will be the Cathedral King's School playground. Entrance by Edgar Street at side of (not through) Edgar Tower. Public parking places will be found at the Corporation Car Park (Birdport), Trinity Street, Queen Street, Cornmarket, Bank Street, Croft Road, St. Mary Street, The Trinity and Severn Street. Members attending the Pilgrimage are asked to fill up the private car park first, where there is accommodation for 200 cars.

CATHOLIC SERVICE

High Mass for Roman Catholic members will be celebrated at 12 noon in St. George's Catholic Church, Sansome Place, Worcester. Preacher, the Rev. Father Martin D'Arcy.

Roman Catholic members attending the Pilgrimage will be met at Foregate Street Station, Worcester, by certain Roman Catholic members of the City Council, and conducted on foot to St. George's Catholic Church, where they will robe. After the service conveyances will be at the church to take members to College Green for luncheon.

British Medical Association

CURRENT NOTES

Prizes for Clinical Papers by Students and Newly Qualified Practitioners

The Council of the British Medical Association has decided to offer prizes for short clinical papers by fourth and subsequent year medical students and newly qualified practitioners, under the heading "Describe three cases of medical interest which have been under your care and, for each case, discuss differential diagnosis, aetiology, methods of prevention (where available), treatment, and prognosis." For this purpose the medical schools of the British Empire have been grouped by the Council as follows:

GROUP 1.—University of Aberdeen; University of St. Andrews.

GROUP 2.—Queen's University of Belfast; University of Dublin (Trinity College); National University of Ireland (University College, Cork; University College, Dublin; University College, Galway); Royal College of Surgeons in Ireland (Schools of Surgery).

GROUP 3.—University of Birmingham; University of Bristol; University of Wales.

GROUP 4.—University of Durham; University of Leeds; University of Sheffield.

GROUP 5.—University of Edinburgh; School of Medicine of the Royal Colleges, Edinburgh.

GROUP 6.—University of Glasgow; Anderson College of Medicine; Queen Margaret College (School of Medicine for Women); St. Mungo's College.

GROUP 7.—University of Liverpool; Victoria University of Manchester.

GROUP 8.—London: Charing Cross Hospital Medical School; King's College Hospital Medical School.

GROUP 9.—London: Guy's Hospital Medical School; London Hospital Medical College.

GROUP 10.—London: London (Royal Free Hospital) School of Medicine for Women; University College Hospital Medical School.

GROUP 11.—London: Middlesex Hospital Medical School; St. Mary's Hospital Medical School.

GROUP 12.—London: St. Bartholomew's Hospital Medical College; St. George's Hospital Medical School.

GROUP 13.—London: St. Thomas's Hospital Medical School; Westminster Hospital Medical School.

GROUP 14.—The medical schools of the Empire other than those of the British Isles.

For each group a prize consisting of a certificate signed by the President of the Association, together with a cheque for £10, will be available. Each clinical paper, which must not exceed 1,500 words (about equivalent to a page of the *British Medical Journal*), will be adjudicated upon by examiners appointed by the Council from among members of the Association not resident in the area of the group in question. If in the case of any group no clinical paper received is considered by the examiners to be deserving of a prize, no prize will be awarded in that group. Each paper must be plainly written or typed on foolscap (one side only), and reach the Medical Secretary, British Medical Association House, Tavistock Square, London, W.C.1, not later than April 15th, 1933. Each paper must be signed by a pseudonym only, and be accompanied by a signed statement that it has been the *bona fide* work of the competitor, and in what capacity he or she comes within the definition (as above) of those eligible to compete, together with particulars of his or her full name, pseudonym, address, medical school, and (if on *Medical Register*) month and year in which the examination qualifying for registration was passed.

Centenary Celebration: Charities Meeting

During the centenary celebrations of the British Medical Association a meeting in connexion with medical charities will be held at the Association's House, Tavistock Square, W.C., on Monday, July 25th, at 3 p.m., under the chairmanship of Sir Thomas Barlow, Bt., president of the Royal Medical Benevolent Fund. The object of the meeting is to bring the claims of the great charities of the profession to the notice of members attending the Centenary Meeting, and to invite suggestions as to any possible new lines of work. The following speakers will briefly state the claim of the bodies in which they are specially interested: Dr. C. O. Hawthorne, on behalf of the Royal Medical Benevolent Fund; Dr. Henry Robinson, Epsom College; Dr. Alfred E. Boyd, Royal Medical Benevolent Fund Society of Ireland; Lady Cheatle, Royal Medical Benevolent Fund Guild; Dr. C. E. Douglas, Charities Committee, B.M.A.; and Dr. Alfred Cox, Sir Charles Hastings Fund. A cordial invitation to be present is extended to all interested in any of the medical charities.

Association Notices

NOTICE OF ANNUAL GENERAL MEETING

NOTICE CONVENING MEETING

Notice is hereby given that the Annual General Meeting of the British Medical Association will be held in the Great Hall, B.M.A. House, Tavistock Square, London, W.C.1, on Saturday, July 23rd, 1932, at 3.0 p.m. Business: (1) Minutes of last meeting. (2) Appointment of Auditors. (3) Report of Election of President for 1933–34.

ALFRED COX,
Medical Secretary.

L. FERRIS-SCOTT,
Financial Secretary and Business Manager.

LIVERPOOL AND SOUTHPORT DIVISIONS

With reference to the notice by the Council of the Association under the above heading in the *Supplement* to the *British Medical Journal* of May 23rd, 1932, notice is hereby given by the Council to all concerned that, as from July 16th, the Council has transferred, from the area of the Liverpool to that of the Southport Division, the Lathom and Burscough, Ormskirk, and Skelmersdale Urban Districts, and the part (namely, the southern part) of the West Lancashire Rural District not already in the Southport Division.

Any member of the Association who is affected by this change, and who intimates to the Council a wish to that effect, will be made an "Associate Member" of what represents his (her) "old" Division, and thus receive notice of and be able to attend the meetings of both the new and old Divisions—namely, as an "Ordinary Member" and an "Associate Member" thereof respectively.

ALFRED COX,
Medical Secretary.

July 16th.

SIR CHARLES HASTINGS CLINICAL PRIZE

The Sir Charles Hastings Clinical Prize, which consists of a certificate and a money award of fifty guineas, is again open for competition in respect of 1933. The following are the regulations governing the award:

1. The prize is established by the Council of the British Medical Association for the promotion of systematic observation, research, and record in general practice; it includes a money award of the value of fifty guineas.

2. Any member of the Association who is engaged in general practice is eligible to compete for the prize.

3. The work submitted must include personal observations and experiences collected by the candidate in general practice, and a high order of excellence will be required. If no essay entered is of sufficient merit no award will be made.

4. Essays, or whatever form the candidate desires his work to take, must be sent to the British Medical Association House, Tavistock Square, London, W.C.1, not later than December 31st, 1932, and the prize will be awarded at the Annual General Meeting of the Association to be held in July, 1933.

5. No study or essay that has been published in the medical press or elsewhere will be considered eligible for the prize, and a contribution offered in one year cannot be accepted in any subsequent year unless it includes evidence of further work.

6. If any question arises in reference to the eligibility of the candidate, or the admissibility of his or her essay, the decision of the Council on any such point shall be final.

7. Each essay must be typewritten or printed, must be distinguished by a motto, and must be accompanied by a sealed envelope marked with the same motto, and enclosing the candidate's name and address.

8. The writer of the essay to whom the prize is awarded may, on the initiative of the Science Committee, be requested to prepare a paper on the subject for publication in the *British Medical Journal*, or for presentation to the appropriate Section of the Annual Meeting of the Association.

9. Inquiries relative to the prize should be addressed to the Medical Secretary.

MIDDLEMORE PRIZE, 1933

The Middlemore Prize consists of a cheque for £50 and an illuminated certificate, and was founded in 1880 by the late Richard Middlemore, F.R.C.S., of Birmingham, to be awarded for the best essay or work on any subject which the Council of the British Medical Association may from time to time select in any department of ophthalmic medicine or surgery. The Council of the British Medical Association is prepared to consider an award of the prize in the year 1933 to the author of the best essay on the following subject, "The treatment of glaucoma." Essays submitted in competition must reach the Medical Secretary, British Medical Association, B.M.A. House, Tavistock Square, W.C.1, on or before December 31st, 1932. Each essay must be signed with a motto and accompanied by a sealed envelope marked on the outside with the motto and containing the name and address of the author. In the event of no essay being of sufficient merit the prize will not be awarded in 1933.

ALFRED COX,
Medical Secretary.

June, 1932.

TABLE OF DATES

CENTENARY MEETING

July 21, Thurs.	Annual Representative Meeting, British Medical Association House, London.
July 22, Fri.	Annual Representative Meeting.
July 23, Sat.	Annual Representative Meeting. Council. Annual General Meeting.
July 24, Sun.	Pilgrimage to Worcester.
July 25, Mon.	Annual Representative Meeting.
July 26, Tues.	Council. Adjourned Annual General Meeting and President's Address, Queen's Hall. President's reception, Albert Hall.
July 27, Wed.	Meetings of Sections, etc.
July 28, Thurs.	Meetings of Sections, etc. Centenary dinner.
July 29, Fri.	Meetings of Sections, etc.

ALFRED COX,
Medical Secretary.

Meetings of Branches and Divisions

ABERDEEN BRANCH

The annual meeting of the Branch was held in the Panmure Hotel, Edzell, on June 15th, when Dr. T. FRASER, the president, took the chair, and seventeen members were present.

The treasurer's report for 1931 was adopted, as was the report of the Branch Council, which referred to the address by Sir Robert Bolam on the hospital and the doctor in a national medical service, the securing of medical representation on the Regional Consultative Committee on Public Health Services, the consideration of a public medical service, and the application of the part-time principle to the public health services. Sixty-seven new members were elected during the year. The following officers were elected for 1932–3:

President, Dr. David Rorie. President-Elect, Dr. P. Howie. *Vice-President*, Dr. Thomas Fraser. *Treasurer*, Dr. George Swapp. *Secretaries*, Dr. J. A. Stephen and Dr. E. R. C. Walker.

Thereafter the members and their friends to the number of thirty-six adjourned to the lounge for tea. The afternoon was spent in golf and a motor trip up the lovely valley of the Esk to Loch Lee. Several members and friends joined the party for dinner in the evening. After the toast of "The King" had been loyally honoured, Dr. FRASER, in the absence of Dr. Rorie, the newly elected president, owing to indisposition, invested Mrs. Rorie with the president's badge on behalf of her husband. Thereafter Mrs. WALKER conveyed the thanks of the ladies to Dr. Fraser for his generous hospitality, the ladies having been his guests at tea and dinner.

Mr. F. K. SMITH, in submitting the toast of Dr. Fraser's health, referred to the varied service rendered by the retiring president on behalf of the profession, and the many posts he had held from that of secretary of the Division through the offices of the Branch, Scottish Committee, and Representative Body, to his present honoured position on the Council of the Association. The toast was received with great heartiness, and Dr. FRASER's reply brought to a close a most enjoyable meeting.

DORSET AND WEST HANTS BRANCH: WEST DORSET DIVISION

The annual meeting of the West Dorset Division was held at the King's Arms Hotel, Dorchester, on June 29th. The Annual and Supplementary Reports of the Council were discussed in detail. Attention was drawn to the question of a co-ordinate scheme for hospital and health services, and mention was made of the memorandum drawn up by the Brighton Division. It was decided to refer the matter to the Hospital Subcommittee for consideration and report.

The following were elected officers of the Division for the ensuing year:

Chairman, Dr. Adam Gray. *Vice-Chairman*, Dr. L. B. Scott. *Honorary Secretary and Treasurer*, Dr. J. A. Pridham.

Dr. ADAM GRAY proposed a vote of thanks to the retiring chairman, Dr. T. MacCarthy, for his excellent services to the Division as chairman during the past two years.

At the close of the meeting a hearty vote of thanks was passed to Dr. C. E. S. Flemming, a member of the Council of the Association, for coming so far to give the members the benefit of his experience. Supper was served at the conclusion.

LANCASHIRE AND CHESHIRE BRANCH: ROCHDALE DIVISION

On June 29th Dr. A. Topping, medical officer of health, Rochdale, was entertained to supper at the Flying Horse Hotel, Rochdale, by Rochdale members of the British Medical Association, when the chairman, Dr. W. H. CARSE, presided. There was an excellent attendance of twenty-four members, and apologies were received from five unavoidable absentees. Dr. Topping leaves Rochdale shortly to take up a post under the London County Council. On behalf of the company Dr. J. C. JEFFERSON spoke of the cordial relations which Dr. Topping had established with the general practitioners of the town, and of his unceasing efforts to improve the public health services. He presented Dr. Topping with a silver tankard to serve as a small reminder of the good feelings which existed beween the general practitioners and himself. Dr. TOPPING, in his reply, expressed the hope that the co-operation which had been extended to him would also be given to his successor.

The Rochdale Division golf trophy and replica were presented to Dr. H. G. Ramsbottom, the winner of the annual competition.

LINCOLNSHIRE BRANCH

The first annual general meeting of the Lincolnshire Branch was held at the George Hotel, Grantham, on June 23rd. Dr. C. Frier, the president, entertained all members from a distance to lunch. There was a numerous attendance from all over the county.

Dr. FRIER showed on the screen a slide of the beautiful coloured memorial window to Sir Charles Hastings to be unveiled in Worcester Cathedral on July 24th.

In his presidential address Dr. Frier reviewed the changing aspect of medicine from the days of the carbolic spray and the dressings done in the wards by students straight from the dissecting rooms. He drew attention to the change in character of diseases. Some had become obsolete—such as typhus and hydrophobia; others due to improved methods of treatment or advance in sanitation had to some extent lost their terrors, notably diphtheria and typhoid. Scarlet fever and small-pox had seemingly lost their virulence. On the other hand, measles had become more deadly, while appendicitis and diseases of nervous origin—due to the present-day stress of life—had enormously increased.

Dr. Frier generously presented to the new Branch the very handsome gold badge and sash of the president and the gold badge and ribbon of the secretary. He hoped that the new Branch would pull its weight.

Dr. STANLEY WHITE exhibited two films depicting the way in which diphtheria antitoxin was prepared and standardized. The films also showed the manner in which vaccines were made on a large scale, the preparation of calf lymph, and certain aspects of laboratory work, notably in connexion with scarlet fever antitoxin and its standardization. During the course of his address on some recent aspects of biological therapy, Dr. White discussed the modern dosage of diphtheria antitoxin, particularly in regard to its intravenous use. Reference was also made to the methods of actively immunizing against diphtheria, and the advantages and disadvantages of the methods available. Discussing scarlet fever antitoxin, the lecturer suggested that this probably represented the greatest advance in serum therapy since Behring's work in 1891. It was unfortunate that the medical profession still confused scarlet fever antitoxin with the old polyvalent anti-streptococcus serum. Scarlet fever antitoxin had a wider application than its name suggested. The streptococcus haemolytic toxins were very closely related to one another, and although it was possible to distinguish erysipelas toxin, scarlet fever toxin, and, for that matter, a streptococcal toxin obtained from a case of puerperal septicaemia, in actual clinical practice scarlet fever antitoxin was applicable to each condition. Dr. White briefly referred to the extraordinary results that had followed the use of Felton's serum, and also made a passing reference to the new ulcerative colitis anti-streptococcus serum, staphylococcal antitoxin, and gas-gangrene antitoxin. He went on to refer to vaccine therapy, particularly regarding its application to respiratory conditions and chronic arthritis, and concluded his remarks with a reference to tuberculosis. He referred to the work which had been done during the last year or two in America in connexion with the chemistry of the tubercle bacillus. It was now possible to make a tubercle ultra-protein which was free from extraneous protein likely to be derived from the medium on which the organism was grown. This was important when it came to a diagnostic skin test because a reaction might conceivably follow in a patient who had an allergic tendency and was not actually tuberculous.

A hearty vote of thanks to Dr. White for his address was proposed by Dr. WILLOUGHBY SMITH and seconded by Dr. A. WILSON.

The following officers were elected:

President, Dr. Charles Frier. *Vice-President*, Dr. Willoughby Smith. *Honorary Secretary and Treasurer*, Dr. H. W. Vaughan.

METROPOLITAN COUNTIES BRANCH: CHELSEA DIVISION

A meeting of the Chelsea Division was held in the Fulham Town Hall on June 15th, to which all panel practitioners in the neighbourhood were invited.

Dr. A. F. HEALD, organizing secretary to the London Panel Committee, opened the meeting with a few words on the present position of the national health service and the advisability of forming a local committee ready to deal with any further emergencies. A committee was formed.

Dr. ANDERSON, Deputy Medical Secretary, said that at present there was no likelihood of a further cut in the capitation fee, but he had hopes later of being able to prove that, although the cost of living had decreased, the work expected of panel practitioners had considerably increased. He hoped, therefore, to get an increase at some later date, but the present time was not the moment for an agitation.

A vote of thanks was accorded with acclamation to the speakers.

METROPOLITAN COUNTIES BRANCH: KENSINGTON DIVISION

The annual meeting of the Division was held on June 17th at the Kensington Town Hall. The following officers were elected:

Chairman, Dr. Christine M. Murrell. *Honorary Secretary and Treasurer*, Dr. J. Cohen. *Representatives in Representative Body*, Dr. Christine M. Murrell, Dr. F. C. Martley, Dr. A. Keith Gibson, Dr. J. Cohen. *Deputy Representatives in Representative Body*, Mr. H. M. Stratford, Dr. I. H. Maclean, Dr. T. P. Fyans, and Dr. G. E. Oates.

National health insurance, hospital, infant welfare, and charities subcommittees were appointed. The revised rules of the Division were adopted. The Annual Report of Council was discussed.

A general meeting was held on June 28th at the Great Western Royal Hotel, Paddington, W.2. The Supplementary Report of Council was considered and representatives were instructed.

METROPOLITAN COUNTIES BRANCH: LEWISHAM DIVISION

A clinical meeting of the Division was held, by courtesy of Dr. H. Nockolds, medical superintendent, at Lewisham Hospital.

A series of cases of osteomyelitis were demonstrated.

1. A boy of 10, who had sustained an abrasion over the left tibia, subsequently developed a *Staphylococcus aureus* septicaemia; septic foci appeared in the right femur, right ulna, and left great toe, with the further complication of suppurative pericarditis. The femur was dealt with by free drainage, but owing to the onset of pericarditis and cardiac embarrassment the other foci were treated generally by intravenous injection (50 c.cm. daily for five days) of *Staphylococcus aureus* antitoxin (B.W. and Co.). The pericarditis was treated by aspiration on three occasions, when 7 oz., 5 oz., and 3 oz. of pus were withdrawn. The temperature subsided, and except for a pathological fracture of the neck of the right femur, recovery is satisfactory. *X*-ray films showed each lesion and its progress under treatment.

2. Osteomyelitis of the os calcis in a boy of 11. Here, on removing the sequestrum, it proved to consist of the whole bone. Subsequent *x*-ray films show satisfactory bone formation.

3. Young adult male with osteomyelitis of the region of symphysis pubis with abscess draining into the bladder. This subsided after aspiration, and proved to be due to *Streptococcus haemolyticus*. Two years previously the left leg was amputated for tuberculous infection of the knee-joint.

4. Osteomyelitis of the whole of the shaft of the right humerus following septic abortion. *X*-ray film showed well-formed involucrum, while the sequestrum consisted of the entire bone.

5. Girl, aged 19, with osteomyelitis of right femur, admitted as a case of acute rheumatism. About three-quarters of the shaft had separated as sequestrum, but new bone formation was entirely satisfactory. There was still considerable limitation of movement in the knee-joint.

6. Female, aged 72, admitted with epigastric pain, vomiting, and wasting. *X*-ray film of barium meal demonstrated the existence of a marked constriction on the stomach outline, through which only a trickle of barium could pass, and a large ulcer in the lesser curvature. Test meal proved hyperacidity. Case at first was regarded as malignant, but within forty-eight hours of being put on an alkaline mixture and a diet of milk and eggs, symptoms were materially improved. Subsequent *x*-ray films showed the gradual healing of the ulcer and disappearance of the constriction, which was therefore due to spasm occasioned by the ulcer, and the question of malignancy was finally excluded.

X-ray films of various obstetrical abnormalities were shown and discussed. Version, after preliminary *x*-ray examination, was advocated in every case of persistent breech presentation.

METROPOLITAN COUNTIES BRANCH: ST. PANCRAS DIVISION

A meeting of the St. Pancras Division was held at the London School of Hygiene and Tropical Medicine on June 7th, when Dr. IZOD BENNETT gave an address on the subject of coeliac rickets.

Dr. Bennett's account of his original researches on this rare disease were of great interest, and he was able to illustrate his remarks, not only by lantern slides, but by several short films taken of his cases at Middlesex Hospital. Having demonstrated in this very clear and convincing manner

the characteristic appearances of patients suffering from the disease, Dr. Bennett described a number of biochemical and radiological investigations which had been made in order to discover its cause and, if possible, its cure. While it appeared clear from these investigations that inefficient absorption from the alimentary canal was the immediate source of the trouble, so that these patients were in truth starving in the midst of plenty, Dr. Bennett agreed that the primary cause of the failure to absorb remained a mystery. Dr. Bennett then outlined his method of treatment, and concluded by paying a tribute to Dr. Samuel Gee, who had first described coeliac disease in 1888.

The discussion which followed indicated that the care and skill which had been employed in the preparation and illustration of this address had been very much appreciated.

NORFOLK BRANCH: WEST NORFOLK DIVISION

The annual meeting of the West Norfolk Division was held at the Duke's Head Hotel, King's Lynn, on June 30th. After the meeting the members present were entertained to lunch by the retiring chairman, Dr. O. L. Appleton.

The following officers were elected for the ensuing year:

Chairman, Dr. A. M. Uloth. *Vice-Chairman*, Dr. Gibb. *Secretary*, Mr. J. Lewin.

A resolution was passed enabling any retiring chairman to serve automatically for one year on the Executive Committee.

Several members complained that they had been frequently called out at night by panel patients to attend to bleeding sockets after extractions by registered but unqualified dentists not resident in the particular locality. The members of the Division wished to know if they could recover fees from their panel patients in these cases, as dental work was outside the panel contract, or alternately, whether they could demand a portion of the fee paid to the dentist. This question is being put to the Norfolk Insurance Committee.

NORTH OF ENGLAND BRANCH: CLEVELAND DIVISION

The annual meeting of the Cleveland Division was held at the Zetland Hotel, Saltburn, on May 19th, when the vice-chairman, Dr. G. H. LOWE, presided.

The executive report for 1931–2 was approved and unanimously adopted. In reply to a point raised by one of the members, the CHAIRMAN informed the meeting that the Ethical Committee had considered certain ethical matters, and was of the opinion that these matters were better not brought before the general meeting by embodying them in the annual report of the Executive Committee.

In view of the satisfactory balance in the financial report, it was resolved to send a donation of £10 to the Royal Medical Benevolent Fund out of the voluntary fund.

A motion by the secretary to use the voluntary fund, or part of it, for some specific social function, was heavily defeated on the grounds that all social functions ought to be self-supporting.

The following officers were elected for 1932–3:

Chairman, Dr. C. R. Gibson. *Vice-Chairman*, Dr. R. W. Murphy. *Secretary and Treasurer*, Dr. John Howell. *Assistant Secretary and Treasurer*, Dr. J. B. S. Guy. *Representative in Representative Body*, Dr. G. H. Lowe. *Deputy Representative in Representative Body*, Dr. John Inkster.

The North of England Branch Council had forwarded the following recommendation, which the meeting adopted:

1. That the fee charged for the examination of motor drivers and those engaged in similar occupations should be 5s.

2. That general arrangements with individual consultants for the acceptance of reduced fees for services rendered to members of the Association of Assistant Masters in secondary schools or similar bodies are unnecessary and undesirable.

PERTH BRANCH

A meeting of the Perth Branch was held on June 1st, when eleven members were present.

Dr. LOW, the vice-president, occupied the chair in the absence of the president, Dr. Haig, through illness.

The SECRETARY read a memorandum on the treatment of the sick poor, which evoked a lengthy discussion. Dr. TROTTER referred to the large number of chronic cases which occupied beds in the Infirmary, and suggested arranging a meeting with the representatives of the local authority to consider making additional arrangements for cases requiring a prolonged treatment. The suggestion was agreed to.

Dr. Haig was appointed to be representative in the Representative Body, and Dr. Morton Burnett deputy representative.

SHROPSHIRE AND MID-WALES BRANCH

A general meeting of the Shropshire and Mid-Wales Branch was held at the Royal Salop Infirmary on June 7th. The balance sheet for 1931 was received and adopted. The Annual Report of Council was discussed, and the representative was instructed. Dr. STANLEY HUGHES, medical superintendent of the County Mental Hospital, Salop, attended, and gave a lucid explanation of the duties of practitioners under the Mental Treatment Act. He also distributed typed copies of his remarks, and was most cordially thanked.

Dr. F. W. H. Bigley was unanimously adopted as next president of the Branch, to take office at the annual general meeting on the first Tuesday in October next. It was decided that the annual dinner be held on the third Tuesday in October.

The members were entertained to tea by the president, Dr. F. A. Anderson.

SOUTHERN BRANCH

The annual meeting of the Southern Branch was held on May 25th. The Ethical Rules, as approved by the Representative Body in 1919, and the Model Organization Rules were adopted.

The following officers were elected for 1932–3:

President, Dr. H. Currer Williams. *President-Elect*, Lieut.-Colonel A. Buchanan. *Vice-Presidents*, Dr. E. H. M. Starcomb, Dr. Lockhart E. W. Stephens, C.B.E., D.L. *Honorary Secretary*, N. W. MacKeith.

SOUTHERN BRANCH: PORTSMOUTH DIVISION

A meeting of the Portsmouth Division, to instruct representatives and for other business, was held at the Queen's Hotel, Southsea, on June 10th, when the chairman (Dr. MCASKIE) presided, and sixteen other members were present.

It was unanimously agreed to give the representatives at the Annual Representative Meeting a free hand to vote as seemed best after listening to the discussion on the Annual Report of Council. Dr. JEANS called attention to the following items of special interest: Status and remuneration of anaesthetists, medical practitioners and road accidents, mental disorder, Linlithgow Report.

The chairman-elect (Dr. Clark) wrote regretting his absence on holiday, and forwarded a letter outlining the programme for the next session, a new feature being a dinner-dance at Kimbell's Café on October 28th. The programme was approved.

SOUTH WALES AND MONMOUTHSHIRE BRANCH

The sixty-second annual meeting of the South Wales and Monmouthshire Branch was held at the Buckland Memorial Block of the Merthyr General Hospital on June 23rd, preceded by a luncheon given by the president-elect, Dr. W. W. Jones, at his house.

The Annual Report of Council and the balance sheet for 1931 were passed unanimously.

The retiring president, Dr. E. E. BRIERLEY, installed the new president, Dr. W. W. JONES, who, after thanking the members for the honour they had done him, gave a very amusing and interesting address on "Empiricism."

The following officers were appointed:

President-Elect, Dr. L. Freeman Marks. *Honorary Treasurer*, Dr. D. Naunton Morgan. *Honorary Secretaries*, Dr. D. E. J. Burke and Dr. R. Melville Hiley. *Vice-Presidents*, Dr. D. Rocyn Jones and Dr. E. E. Brierley.

Votes of thanks to the retiring president and senior secretary, Drs. E. E. Brierley and A. H. D. Smith, were passed.

A collection at the Council and general meeting for the Hastings Memorial Fund realized £6 14s. After the meeting tea was provided at the hospital.

SUFFOLK BRANCH: SOUTH SUFFOLK DIVISION

A meeting of the Division was held at the Ipswich Borough Mental Hospital on June 10th, when Dr. G. J. CONFORD was in the chair, and sixteen other members were present.

Dr. P. BANBURY (medical officer in charge of Mental Hospital) demonstrated several special mental cases and gave a short address in which he pointed out some of the features of the new Mental Treatment Act. Tea on the lawn was provided by Dr. Banbury, to whom a very hearty vote of thanks was accorded.

SURREY BRANCH: CROYDON DIVISION

The annual general meeting of the Croydon Division was held at the Croydon General Hospital on May 4th, when Dr. C. G. C. SCUDAMORE was in the chair.

Attention was called to the poor support given to the Sir Charles Hastings Memorial Fund, and the need for more contributions was urged.

The annual report and balance sheet were adopted, and the following officers were duly elected:

Chairman, Dr. P. W. Hamond. *Vice-Chairman*, Dr. C. G. C. Scudamore. *Chairman-Elect*, Mr. C. T. Neve. *Honorary Secretary and Treasurer*, Dr. C. G. C. Scudamore. *Assistant Honorary Secretary*, Dr. P. W. Hamond.

At the conclusion of the ordinary business, Sir THOMAS LEGGE gave an address on industrial medicine, which was followed by a discussion and a hearty vote of thanks to the lecturer. It was a matter of deep regret to the Division to learn of Sir Thomas Legge's death a few days after the meeting.

SUSSEX BRANCH: CHICHESTER AND WORTHING DIVISION

The Chichester and Worthing Division visited the Lord Mayor Treloar Cripples' Hospital and College at Alton, on July 1st, by kind invitation of the medical superintendent, Sir Henry Gauvain. Fourteen members were present, and a very enjoyable and interesting afternoon was spent.

YORKSHIRE BRANCH

The annual meeting of the Yorkshire Branch was held at the Nurses' Home, New Royal Infirmary, Bradford, on June 22nd. After the election of officers for the year, Mr. JAMES PHILLIPS delivered his presidential address on appendicectomy disease. Papers were subsequently read by Mr. WILLIAM APPLEYARD on the modern treatment of chronic otitis media, by Dr. J. K. RENNIE on cardiac infarction, and by Dr. W. M. CUMMING on pulmonary tuberculosis due to the bovine type of the bacillus. After partaking of tea the members inspected the Duke of York Nursing Home and the new buildings of the Royal Infirmary.

Correspondence

MEDICAL RESEARCH AND THE PATENT LAWS

SIR,—Being chairman of the Joint Chemical Patents Committee it is not my intention to join issue in regard to matters of opinion as to the right and wrong of patenting medical inventions, but there are certain paragraphs in recent letters printed in your *Supplement* which may, if left uncorrected, lead to misapprehension concerning the work of my committee. I therefore ask you to allow me to comment on two matters referred to in them.

First, in regard to a paragraph in Sir Henry Dale's letter which reads " . . . it is on record that an important body of British manufacturers . . . so far from regarding any dedication scheme as unfair and unjust to them, put forward and pressed, *presumably in their own interests*, a detailed scheme for the compulsory dedication of all patents for remedial substances. . . ." I have italicized the words " presumably in their own interests " because, as has been pointed out to me, the proposal we made was put forward in the common interest, not merely in our own. In bringing forward the dedication scheme the Joint Committee was actuated by a desire to solve a difficulty the existence of which it fully recognized. There is the possibility that others may read into Sir Henry Dale's letter a meaning different from that intended, which from the context would appear to be that inasmuch as a predominance of manufacturing interests was represented on the committee, those interests supported the scheme of patent dedication.

Secondly, in his letter of July 9th, Dr. M. Coplans states " . . . I am credibly informed that the Association of British Chemical Manufacturers is entirely opposed to the series of four resolutions of the 'Conference representing four different bodies of medical opinion.' " This is entirely incorrect as regards the Association of British Chemical Manufacturers, its Patents Committee, and the Joint Chemical Patents Committee. The resolutions were communicated to my committee by the Medical Secretary of the British Medical Association, with a request for its support in obtaining the inclusion of the second and third resolutions in the Patents and Designs Bill then before Parliament. Resolution 2 contains a recommendation that no further patents should be granted for inventions dealing with the manufacture of " serums, toxins, antigens, viruses, bacteriological products, and active principles natural to the animal body—vitamins." This proposal was an entirely new one to my committee, and obviously called for careful consideration on its part ; but in view of the pressure of other work in connexion with this Bill, which was then passing through the House, we decided that it was impossible to afford time for the detailed consideration which in all its aspects the problem required. Since reaching this conclusion my committee has not again had this matter before it for consideration.—I am, etc.,

FRANCIS H. CARR,
Chairman of the Joint Chemical Patents Committee.

London, N.1, July 8th.

SIR,—I have read with considerable surprise the somewhat intemperate letter from Dr. Myers Coplans, under the above heading, in the *Supplement* for July 9th. The course which should govern action in respect of medical patents is a matter with which I hardly feel competent to deal, but I would deprecate the references to Sir Henry Dale and his colleagues of the representative conferences appointed by the Council of the Association. They, however, will doubtless have no difficulty in defending their recommendations against Dr. Coplans's accusations of " intemperate expression," " lack of knowledge," and " mob psychology persecution."

In proceeding to deal with a passage in Sir Henry Dale's letter (*Supplement*, July 2nd, p. 9, col. 2, "Resolution 2") Dr. Coplans objects to the use of the words " comparatively recent," omitting, apparently, to realize that these are governed by the word "extension" which immediately follows, and suggesting that " fifty years cannot be considered as comparatively recent." Dr. Coplans, however, is unfortunate in the instance he cites, as illustrative of a patent of fifty years ago, having relation "to the history of the development of the science or economics of applied bacteriology," since the terms of Dr. Warlomont's patent contained no reference to the question of the bacteriological purification of vaccine lymphs. Moreover, there exists no basis in fact for the subsequent statement that " the history of this patent exemplifies the value of our patenting law in actual practice," seeing that although, as stated, a patent was taken out by Dr. Warlomont in 1882, it was never operative in this country, no royalties having been paid, or even demanded, possibly for the reason that the validity of the patent could not be substantiated in view of former work on similar lines by Muller and others. Existence of the patent was quite unknown to the medical profession, and ignored (if known) by other trade purveyors of vaccine lymphs.

Vaccine lymph manufactured by Dr. Warlomont was for some years sold in London through an agent, Edward Darke by name, and was advertised in the medical press. But no indication was ever given as to its manufacture under a patent, neither was any statement as to the use of glycerin in its production published until subsequent to the Order of the Local Government Board making the use of " glycerinated vaccine lymph " compulsory. As a matter of fact this term was devised by myself, as descriptive of vaccine lymph bacteriologically purified by the continued action of glycerin, after the manner first described by me in a paper presented to the International Congress of Hygiene which met in London in 1891. That this work was of a pioneer character may be gathered from the space devoted to the matter by the late Lord Lister in his Presidential Address to the Royal Society in 1897, and from the subsequent award to me of the society's Buchanan medal. Consequently, it may fairly be claimed that it is my process rather than the patented process of Dr. Warlomont which " is to-day the basis of the essential and universal method of preparing glycerinated calf vaccine lymph in every State and private laboratory throughout the world."—I am, etc.,

London, N.W., July 11th. S. MONCKTON COPEMAN.

SIR,—Sir Henry Dale states that the resolutions were "not aimed at the exceptional position of those who, like Dr. Renshaw, regard the patenting of new synthetic remedies as essential to the support of their researches," yet he states that the resolutions were concerned with two different and wider questions: (1) the effect on the general progress of medical science of the granting of patents for new remedial agents of different kinds; (2) the desirability of the adoption by medical men in general of the practice of protecting by patent any inventions they make in the medical field. Does Sir Henry seriously consider that (1) and (2) do not seriously concern the position of individuals who are conducting research at their own expense and that therefore (1) and (2) may not reflexly be affected thereby? If so it is an example of lack of clarity of thinking which is unexampled in my experience of public affairs, and the sooner greater "vision" is acquired by Sir Henry Dale and his colleagues the sooner will they realize how their efforts are going to impede research in this country.

I have a certain amount of sympathy with those who regard research from the idealistic standpoint. Personally I regard it from the practical standpoint—for example, in how short a time is it possible to clear up a number of outstanding problems which urgently require solution. In my opinion it is desirable to bring into this work some of the large industrial organizations which are fitted by their chemical resources and the manufacture of complex intermediate products to further research very definitely. Unfortunately the mistaken ethical attitude in this country to patents—arising from an entire lack of knowledge of the patent law—has hindered the joint action between medical research workers and men in practice from more actively working in co-operation with these industrial chemical resources. In Germany it is different. In that country to-day there are hundreds of chemists working upon chemotherapeutic remedies as compared with a mere handful in this country.

Sir Henry Dale may choose to misunderstand my objection to Resolution 3 regarding synthetic remedies. I objected to this, not because it allowed patenting, but because of the controlling final resolution which urged medical men not to apply for patents until a dedication committee is formed. The function of such a committee is best illustrated by the recent decision taken by the Medical Research Council regarding the Spahlinger bovine tuberculin antigen. This council, having been consulted, considers that a case has been made out for trying its immunizing effect in cattle but not in human beings. I hold no brief for M. Spahlinger, but it is obvious that if a case has been made out for the one it has been made out for the other. Bovine tuberculosis constitutes the greater part of surgical tuberculosis in this country as affecting human beings. Here, then, is one way in which a committee may block the researches of an individual. In such an instance, had Spahlinger patented the vaccine and dedicated the patent he would have had no redress, and the matter would have been "laid on the table." This is an instance, not the strongest by any means, in which the inventor who knows more about his remedy than anyone else is to be held up by a "dedication committee."

There are four alternative methods in this country regarding research: (1) Do it—financed by Government or other means. (2) Do it—financed by your own private means. (3) Do it—financed by your own earnings. (4) Don't do any research. In my own instance (1), (2), and (4) were out of the question for the type of work I wished to do and the way in which I wished to do it in my spare time. In method (3) I had to choose between making an increased fee for my ordinary laboratory examinations and paying for research out of the surplus, or by managing in a fair and businesslike way to make research pay for itself. In the latter way I have earned and expended on research in the last ten years several thousand pounds, and have examined some 400 complex organic compounds for use in trypanosomiasis, or in kala-azar, streptococcal infections, anthrax infections, and in cancer. Would anyone tolerate the suggestion that it is "undesirable" to have done this—as the joint committee wishes to indicate—by the only method which could have been adopted?

The argument of Sir Henry Dale regarding the obstructive nature of patents has been dealt with by Dr. Myers Coplans. I did not propose that research should be centred round overcoming "obstructive" patents. I suggest, however, that if manufacturing firms wish to benefit by researches which have been patented they should either pay the very small royalty necessary for them to obtain a compulsory licence to manufacture it under Section 38*a* (2) of the Patents and Designs Acts, 1907 and 1919 (Consolidated), in the case of a food or medicinal substance; or in the case of any other article in the medical field should, in the event of abuse of monopoly, claim either a compulsory licence or revocation under Section 27; or, alternatively, spend money in endeavouring to improve upon the process and thereby obtain an alternative patent. It certainly is not just that a firm, without having spent one penny upon the development of a product, should be in the same position as another which may have spent £10,000 to £20,000 in developing a particular process.

Further, Sir Henry Dale states that this movement arose from the chemical manufacturers and certain chemical societies themselves. The truth is that manufacturers in this country realized that patents were necessary if research applications in this country were to keep abreast of Continental and other work. The B.M.A. was approached to see if some relaxation of the ethical attitude of the profession could be obtained to further this end. The dedication scheme was accepted by the Ethical Committee as a way out, but the compulsory nature of this scheme caused its defeat. Further, the support of the Association of Manufacturing Chemists and also of the Institute of Chemistry was withdrawn when it was realized by them that already medical men could take out patents if they wished and could make arrangements with manufacturing concerns. Since then their official attitude has not been in favour of a dedicated patents' scheme or of the recent proposals suggested by the joint committee, but of the proper and fair use of the present patent law.

Under the Patents and Designs Acts, 1907 and 1919 (Consolidated), ample safeguards exist against any possible abuse of such protection, and the Act should be studied by the Representative Body before voting upon the present scheme. The following is an extract from Section 38*a*:

"In the case of any patent for an invention intended for or capable of being used for the preparation or production of food or medicine, the Comptroller shall, unless he sees good reason to the contrary, grant to any person applying for the same a licence limited to the use of the invention for the purposes of the preparation of food or medicine but not otherwise; and, in settling the terms of such licence and in fixing the amount of royalty or other consideration payable, the Comptroller shall have regard to the desirability of making the food or medicine available to the public at the lowest possible price consistent with giving the inventor due reward for the research leading to the invention. Any decision of the Comptroller under this subsection shall be subject to appeal to the court."

Sir H. Dale talks about the traditional medical attitude whereby new medical knowledge is given freely and openly for the use of all. May I ask whether the patenting of insulin withheld any such knowledge? Was it not rather advisable that the manufacture of such a remedy should be patented in order that adequate control of such a powerful product be obtained so as to ensure adequate standardization? What would have been the result had anyone rushed into its manufacture and sale? I predict that far more uncertainty would have attended its use. Dr. Coplans has shown how such a patent, with all its attendant information, ultimately falls into public use. This is surely better than the alternative suppression of information, which many firms are bound to adopt if the B.M.A. prevents patenting in certain parts of the medical field; and it was for this reason that the Patent Law was evolved—to prevent the suppression and subsequent loss of valuable information. It would surely be well for the R.B. to pause and consider whether these very valuable safeguards are to be lost in return for what is at present an entirely idealistic and nebulous scheme.

There is probably no branch of learning in which details could so easily be masked and ultimately lost as in biological processes, and it is surely better that these details should be preserved in the form of a patent which can be perused by everyone than that they should be kept in the secret book of a manufacturing organization. The objections to a patented process are due to the entire lack of understanding by the average professional man of the very nature of a patent as understood by law. When these are realized it is plain that there are no fundamental objections such as the joint committee has pleased to believe exist.—I am, etc.,

Manchester, July 9th. ARNOLD RENSHAW.

FUTURE OF PUBLIC MEDICAL SERVICES

SIR,—Dr. Newell's last letter (*Supplement*, July 9th) puts me in a quandary. To reply fully to his statements would take up too much of your space; to leave them unchallenged may lead those interested to come to erroneous conclusions regarding the future of public medical services. In brief, Dr. Newell suggests improvements in these services and their extension all over the country. Any such suggestions must always be welcome, but before they can be of practical use they must be based on (1) an accurate knowledge of the existing conditions, and (2) sound financial or arithmetical data. It is to be regretted that the suggestions put forward fail in many directions to fulfil these requirements.

Membership of the London Public Medical Service is not limited, except that it involves a certain amount of vision on the part of the doctor. The *maximum* income limit is £5 per week. Conflicting statements in Dr. Newell's letter regarding the adequacy of a 9s. capitation fee and limitation of membership are sufficiently obvious to require no further comment here. Administration expenses in existing public medical services are about 12 to 22 per cent.; the 2½ per cent. suggested would be quite inadequate.

But when we come to the figures submitted by Dr. Newell I feel that some detailed comment must be made. For instance, we have the statement that, "... the mean of these four groups gives an income per head per year of £1 2s. 4d. For 1,000 it is £2; and thus the yearly income would be at least £2,000 per 1,000 persons." Though conversion schemes are very much in the air just now, figures are notoriously so stubborn—perhaps one might say "capricious"—that one feels that the ease with which Dr. Newell can change the uncouth figure of £1 2s. 4d. into the fair round sum of £2 can only be described as "too, too marvellous"; one can merely speculate on what would have happened had Dr. Newell conducted the recent experiment on the Brocken!

Still going on to "elucidate the general idea" the letter states that to pay a doctor attending 1,000 patients at the rate of 13s. per head would take £1,300, but this figure obviously should be £650, which considerably upsets the suggested budget. It is not surprising after this to find that the estimate for a salaried service that follows does not add up either to £1,000 or £2,000, even if we add £50 for administration. I am sure that Dr. Newell will appreciate that more satisfactory figures than these must be produced before his scheme will get the attention it merits.

There are resolutions by two London Divisions on the agenda of the Annual Representative Meeting which suggest the establishment of a committee to co-ordinate the methods of Public Medical Services, established and projected, throughout the country. Until such a commitee is in a position to deal with these matters, it is to be hoped that suggestions from Dr. Newell and others interested in this important development of medical practice will continue to appear in the *Supplement*.—I am, etc.,

London, W., July 11th. A. KEITH GIBSON.

THE CAPITATION FEE

SIR,—During the next few years, while no substantial changes in medical services are in contemplation or financially possible, the British Medical Association would do well to strengthen the scope of general practice, rather than to spend so much of its energies in launching schemes on paper. Surely the time is ripe. Bureaucracy has become identified in the public mind with those "world causes" which have brought financial disaster to this country. After incredible expenditure and interference in every aspect of private life, no single Government Department has made a success of its job. It will be a grave mistake to think that the treatment of the nation in the future is merely a question of providing hospital beds under the control of a public authority. It must be realized that institutional treatment as such is contrary to national instincts.

What is the present position as to the capitation fee? It has reached a level at which it is no longer profitable to work. Unless the B.M.A. takes strong action it will be reduced again before any of the permanent officials are dispensed with. The only limit will come when panel practitioners withdraw in large numbers from the panel.

To say that encroachments on private practice are too well established to be changed now is most hopeful; such language is current coin before any revolutionary change. In particular, the work of school medical officers should be returned to the general practitioner. The world is gradually swinging back to individualism: certainly a modified form, but very different from the "Dora" policy of Government service. The only scheme which officialdom has had to offer has been lavish expenditure, with multiplication of Government servants. This has failed.—I am, etc.,

Braunton, July 3rd. J. C. G. DICKINSON.

Corrigendum

In Dr. A. G. Newell's letter in the *Supplement* for July 9th, the ninth line from the bottom, page 22, should read "drugs and appliances £200, administration £50, loan charges £450; leaving £800," etc.

Naval and Military Appointments

ROYAL NAVAL MEDICAL SERVICE

Surgeon Commander C. E. Greeson to the *Victory* for R.N. Barracks for Anti-Gas School.

Surgeon Lieutenants J. J. Keevil to be Surgeon Lieutenant Commander; W. S. Davidson to the *Victory* for Portsmouth Barracks.

P. M. McSwiney has entered as Surgeon Lieutenant and appointed to *Victory* for Haslar Hospital for course.

ROYAL NAVAL VOLUNTEER RESERVE

Surgeon Lieutenants F. E. Stabler to be Surgeon Lieut.-Commander; J. D. Simpson to the *Vindictive*; F. W. Chippindale to the *Victory* for R.N. Barracks.

Probationary Surgeon Lieutenant G. P. McCullagh to the *Vindictive*.

Surgeon Sub-Lieutenants L. A. de Dombal to be Surgeon Lieutenant; J. C. Livingston to the *Victory* for Haslar Hospital.

ROYAL ARMY MEDICAL CORPS

Lieut.-Colonel J. W. L. Scott, D.S.O., to be Brevet Colonel.

Majors S. W. Kyle and J. Heatly-Spencer, O.B.E., to be Brevet Lieut.-Colonels.

Captain A. Rodd, half-pay list, late R.A.M.C. on completion of a period of five years on the half-pay list, retires on account of ill-health contracted on active service, January 31st, 1932 (substituted for notification in the *London Gazette*, February 2nd, 1932).

ROYAL AIR FORCE MEDICAL SERVICE

Flight Lieutenant (Honorary Wing Commander) (acting Wing Commander) J. N. MacDonald relinquishes his temporary commission on completion of service and is permitted to retain the honorary rank of Wing Commander.

Flight Lieutenant G. W. Paton to No. 5 Flying Training School, Sealand.

Flying Officers C. H. Smith, to Headquarters, Inland Area; J. F. Dales to Medical Training Depot, Halton, for initial course of instruction on appointment to short service commission.

TERRITORIAL ARMY

ROYAL ARMY MEDICAL CORPS

Captain E. J. P. McDowell resigns his commission.

The date of the appointment of Lieutenant N. H. Leslie is December 13th, 1930, and not as shown in the *London Gazette* of December 30th, 1930.

INDIAN MEDICAL SERVICE

The services of Major R. T. Advani are placed permanently at the disposal of the Government of Bombay, for employment in the Bombay Jail Department.

Lieutenants to be Captains (Provisional): F. H. A. L. Davidson, R. T. Hicks.

Lieutenant (on probation) Sangham Lal to be Captain (on probation) (provisional).

COLONIAL MEDICAL SERVICES

The following appointments are announced: Drs. D. T. de Kretzer, W. S. Ratnavale, and R. W. Willenberg to be Provincial Surgeons, Ceylon; Dr. J. E. E. de Robillard, Deputy-Director of Medical Services, Mauritius; Dr. E. S. Walls, Senior Medical Officer, Sierra Leone; Dr. D. G. F. Moore promoted Senior Medical Officer, Nigeria; Dr. H. V. R. Miller, Medical Officer of Health, Gold Coast, has retired from the Service. The notices under the heading "Left the Gold Coast Service," relating to Dr. William Thomson, pathologist, Medical Research Institute, Medical Department, and Dr. J. H. Pottinger, Medical Officer of Health, Health Branch, Medical Department, which appeared in the *Gold Coast Gazette*, Nos. 32 and 37 respectively, are cancelled.

VACANCIES

ALTRINCHAM GENERAL HOSPITAL.—S.H.S.
ASHTON-UNDER-LYNE: DISTRICT INFIRMARY.—H.S.
BEDFORD COUNTY HOSPITAL.—Second H.S. (male, unmarried).
BIRMINGHAM: EAR AND THROAT HOSPITAL.—Second H.S. (non-resident).
BIRMINGHAM: MIDLAND HOSPITAL.—H.S.
BIRMINGHAM: ROYAL CRIPPLES' HOSPITAL.—H.S.
BIRMINGHAM UNIVERSITY.—Assistant Lecturer in Anatomy.
BRIGHTON: SUSSEX MATERNITY AND WOMEN'S HOSPITAL.—R.H.S. (male).
BRISTOL ROYAL HOSPITAL FOR SICK CHILDREN AND WOMEN.—H.P. (male).
BURNLEY: VICTORIA HOSPITAL.—(1) H.P. (2) H.S. Male.
COVENTRY CITY.—Medical Superintendent at the Gulson Road Municipal Hospital.
COVENTRY AND WARWICKSHIRE HOSPITAL.—(1) Resident Surgical Officer, (2) H.S. for Aural and Ophthalmic Departments. (3) C.H.S.
DEVONPORT: ROYAL ALBERT HOSPITAL AND EYE INFIRMARY.—Senior H.S. (unmarried).
DONCASTER ROYAL INFIRMARY.—(1) C.H.S. (2) H.P. Males.
EASTBOURNE: PRINCESS ALICE MEMORIAL HOSPITAL.—H.S. (male).
ESSEX COUNTY HOSPITAL, Colchester.—(1) A.H.S. (2) H.P. Males.
EVELINA HOSPITAL FOR SICK CHILDREN, Southwark, S.E.—H.S. (male).
GLOUCESTERSHIRE ROYAL INFIRMARY AND EYE INSTITUTION.—Second H.S.
GUILDFORD: ROYAL SURREY COUNTY HOSPITAL.—H.S.
HALIFAX: ROYAL HALIFAX INFIRMARY.—Third H.S. (male, unmarried).
HAMPSTEAD GENERAL AND NORTH-WEST LONDON HOSPITAL, Haverstock Hill, N.W.—H.P. (male, unmarried).
HARROGATE AND DISTRICT GENERAL HOSPITAL.—J.H.S. (male).
HERTFORD COUNTY HOSPITAL.—H.P. (male).
HUDDERSFIELD ROYAL INFIRMARY.—H.S. (male).
HULL ROYAL INFIRMARY.—(1) Third H.S., (2) H.P., at Sutton Branch Hospital. Males.
INFANTS HOSPITAL, Vincent Square, S.W.—Clinical Assistant in O.P. Department.
INVERNESS COUNTY COUNCIL.—Local Medical Officer for part of North Uist.
JERUSALEM: ST. JOHN OPHTHALMIC HOSPITAL.—H.S.
KING EDWARD VII HOSPITAL, Windsor.—H.S. (woman).
KING'S LYNN: WEST NORFOLK AND KING'S LYNN GENERAL HOSPITAL.—(1) H.S. (2) H.P.
LANCASHIRE COUNTY COUNCIL.—J.H.S. (woman) at Biddulph Grange Orthopaedic Hospital.
LIVERPOOL EYE, EAR, AND THROAT INFIRMARY.—(1) Ophthalmic H.S. (2) Ear, Nose, and Throat H.S. Males.
LIVERPOOL: ROYAL LIVERPOOL CHILDREN'S HOSPITAL.—(1) Two R.H.P. and Two R.H.S. at City Branch. (2) R.M.O. and R.S.O. at Heswall Branch.
LIVERPOOL STANLEY HOSPITAL.—(1) H.P. (2) Two H.S.
LONDON COUNTY COUNCIL.—Part-time M.O. at Hutton Residential School.
LORD MAYOR TRELOAR CRIPPLES' HOSPITAL, Alton.—A.R.M.O. (male).
MANCHESTER CITY.—A.M.O.'s at Withington Hospital (unmarried).
MANCHESTER NORTHERN HOSPITAL FOR WOMEN AND CHILDEN.—(1) Senior H.S. (2) J.H.S.
MANCHESTER ROYAL INFIRMARY.—(1) A.R.M.O. and Resident Clinical Pathologist. (2) Surgical Officer to O.P.
MIDDLESEX COUNTY COUNCIL.—District M.O. and P.V. for Edmonton (North).
MONTANA HALL, BRITISH SANATORIUM.—R.A.P. (male).
NEWCASTLE GENERAL HOSPITAL.—Two H.P.
NEWPORT, MON.: ROYAL GWENT HOSPITAL.—J.R.M.O.
ORKNEY COUNTY COUNCIL.—M.O. for Island of Stronsay.
QUEEN'S HOSPITAL FOR CHILDREN, Hackney Road, E.—C.O.
ROTHERHAM HOSPITAL.—C.H.S. (male).
ROYAL CHEST HOSPITAL, City Road, E.C.—Clinical Assistants in O.P. Department.
ROYAL WATERLOO HOSPITAL FOR CHILDREN AND WOMEN, S.E.—Hon. A.P.
RUGBY: HOSPITAL OF ST. CROSS.—R.M.O. (male).
ST. MARY'S HOSPITAL, Paddington, W.—Assistant Pathological Chemist.
SALISBURY: GENERAL INFIRMARY.—Two H.S. (male).
SHEFFIELD: CHILDREN'S HOSPITAL.—(1) R.M.O. (male). (2) H.S.
SHEFFIELD: JESSOP HOSPITAL FOR WOMEN.—A.H.S. (male).
SHEFFIELD: ROYAL INFIRMARY.—(1) Aural H.S. (2) Assistant Aural and Ophthalmic H.S.
SOUTH SHIELDS COUNTY BOROUGH.—H.S. (male) at Harton Hospital.
SOUTH SHIELDS: INGHAM INFIRMARY.—Junior H.S. (male).
STOCKPORT INFIRMARY.—J.R.S. (male).
STROUD GENERAL HOSPITAL.—H.S.
VICTORIA HOSPITAL FOR CHILDREN, Tite Street, S.W.—H.S.
WALLASEY: VICTORIA CENTRAL HOSPITAL.—J.H.S. (male).
WALSALL GENERAL HOSPITAL.—H.S.
WHITEHAVEN AND WEST CUMBERLAND HOSPITAL.—Second H.S.
WILLESDEN GENERAL HOSPITAL.—(1) C.O. (2) H.S. (3) H.P.

CERTIFYING FACTORY SURGEONS.—The following vacant appointments are announced: Wallasey (Cheshire); Llantsisant (Glamorgan). Applications to the Chief Inspector of Factories, Home Office, Whitehall, S.W.1.

This list is compiled from our advertisement columns, where full particulars are given. To ensure notice in this column advertisements must be received not later than the first post on Tuesday morning. Further unclassified vacancies will be found in the advertising pages.

British Medical Association

OFFICES, BRITISH MEDICAL ASSOCIATION HOUSE
TAVISTOCK SQUARE, W.C.1

Departments

SUBSCRIPTIONS AND ADVERTISEMENTS (Financial Secretary and Business Manager. Telegrams: Articulate Westcent, London).

MEDICAL SECRETARY (Telegrams: Medisecra Westcent, London).

EDITOR, BRITISH MEDICAL JOURNAL (Telegrams: Aitiology Westcent London).

Telephone numbers of British Medical Association and British Medical Journal, Museum 9861, 9862, 9863, and 9864 (internal exchange, four lines).

SCOTTISH MEDICAL SECRETARY: 7, Drumsheugh Gardens, Edinburgh. (Telegrams: Associate, Edinburgh. Tel.: 24361 Edinburgh.)

IRISH MEDICAL SECRETARY: 18, Kildare Street, Dublin. (Telegrams: Bacillus, Dublin. Tel.: 62550 Dublin.)

Diary of Central Meetings

JULY

23 Sat. **Council,** 9 a.m., B.M.A. House.

26 Tues. **Council,** 10 a.m., Imperial Institute, South Kensington.

APPOINTMENTS

CERTIFYING FACTORY SURGEONS.—W. M. Gilmour, M.B., Ch.B., for the Slaithwaite District, York; A. H. C. Hill, M.R.C.S., L.R.C.P., for the Rochester District, Stafford; J. A. Macdonald, M.B., Ch.B.Ed., for the Middleton District, Lancaster; W. N. Simpson, M.B., Ch.B., for the Stow District, Midlothian; J. R. Wortabet, M.B., C.M.Glas., for the Broughton District, Southampton.

POST-GRADUATE COURSES AND LECTURES

FELLOWSHIP OF MEDICINE AND POST-GRADUATE MEDICAL ASSOCIATION, 1, Wimpole Street, W.—At *Medical Society of London*, 11, Chandos Street, W.1: *Thurs.*, 5 p.m., Colonel R. H. Elliot, Lecture on Migraine (No. 2). *National Temperance Hospital*, Hampstead Road: *Fri.*, 8.30 p.m., Discussion-demonstration (No. 1), Certain Aspects of Indigestion.

NATIONAL CENTRE AND POST-GRADUATE SCHOOL OF RADIOTHERAPY, Radium Institute, Riding House Street, W.—*Wed.*, 4.30 p.m., Mr. Durden Smith: Rectum.

NORTH-EAST LONDON POST-GRADUATE COLLEGE, Prince of Wales's General Hospital, Tottenham, N.—*Mon.*, 2.30 to 5 p.m., Medical, Surgical, and Gynaecological Clinics, Operations. *Tues.*, 2.30 to 5 p.m., Medical, Surgical, and Throat Clinics, Operations. *Wed.*, 2.30 to 5 p.m., Medical, Skin, and Eye Clinics, Operations. *Thurs.*, 11.30 a.m., Medical, Surgical, Throat, and Children's Clinics, Operations. *Fri.*, 10.30 a.m., Throat Clinics; 2.30 to 5 p.m., Medical and Surgical Clinics, Operations.

LIVERPOOL UNIVERSITY CLINICAL SCHOOL ANTE-NATAL CLINICS.—Royal Infirmary: *Mon.* and *Thurs.*, 10.30 a.m. Maternity Hospital: *Mon., Tues., Wed., Thurs.*, and *Fri.*, 11.30 a.m..

BIRTHS, MARRIAGES, AND DEATHS

The charge for inserting announcements of Births, Marriages, and Deaths is 9s., which sum should be forwarded with the notice not later than the first post on Tuesday morning, in order to ensure insertion in the current issue.

BIRTHS

DAVIDSON.—On the 5th inst., at 15, New Street, Burton-on-Trent, to Dr. and Mrs. J. Macrae Davidson (Muriel Leighton), a daughter.

HURRELL.—On July 11th, 1932, to Dr. and Mrs. George Hurrell, of 31, Deneholm, Monkseaton, Northumberland, a son.

MARRIAGE

TOLAND—MORGAN.—On June 11th, at St. Mary's Church, Walmer, by the Rev. H. E. Wynn, Dean of Pembroke College, Cambridge, assisted by the Rev. Canon Tonks, M.B.E., Vicar of Walmer, Charles Patrick Kirk Toland, M.A., M.B., B.Chir., son of Dr. C. K. Toland of Ullesthorpe, Rugby, to Gertrude M. B. Morgan, M.A., M.D.Camb., F.R.C.S.Eng., daughter of the late Mr. and Mrs. William Morgan of Edinburgh.

DEATHS

BURD.—On the 6th inst., at Laneside, Oaken, Staffordshire, Reginald Shirley, M.B., Ch.B., M.R.C.S., L.R.C.P.

HARRIS.—On Wednesday, July 6th, 1932, at Thanes House, Shaftesbury, William James Harris, M.D., F.R.C.S.Eng., formerly of Avis Hays, Shaftesbury.

SOMERVILLE.—On July 8th, 1932, at Leek, Staffordshire, Archibald Somerville, M.D., F.R.C.S.E., aged 91 years.

Printed and published by the British Medical Association, at their Office, Tavistock Square, in the Parish of St. Pancras, in the County of London.